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Continued from Page

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Charles distributed but injecte of a set of units or each 24 for serve rope's serves also reduce layer and each the serve layer and each the serve

DDRSET coast best tree company, U.K. and contage "Freshlields", Dorchette b

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reports, day SUIVEY ELL Using mode and methos

53 Queens Road Hersham Surey KT12 5LP

Walton 26160

was setting out on 1 trip. She was bound

Bear Island grounds it out only a few hem is the had to return.

In normal circus ehe would have considered full trip by last welfall

· Mark M



# THE EUROPEAN Commission is proposing to ban herring fishing in the North Sea throughout next year and possibly into 1979. Finn Gundelach,



The new pursur trawler Breneline has started fishing . . . two years behind schedule. She was one of six hulis left weiting to be fitted out when the Dundee yerd of Smith and Hutton went out of business in 1976. Finelly completed at the Sandheven yerd of J. & G. Forbes, she is now pursing for sprets off the Humber. Sullt for Skipper Alexander D. Masson and pertners of Fraserburgh. Breneline is fitted with chilisd seeweter tanke. Full description soon.

the Commissioner responsible for fisheries, told the European Parliament in a late night debate last week that a ban on horring would be meaningless if it was not extended into 1978 and possibly into part of 1979. The Commission would make proposals to that effect soon.

eight to one egeinst Britain, but rether divided three or SCOTTISH herring

the North See by 1979 opene later this month.
without a conservation policy,
and even a small catch would the first week of October.

the Scottish Fishermen's Organisation said: "We will need some North Sea herring next yeer". Under e strict Organisation, said that an sxmenegement regime we cess from one week would be would expect to get around deducted from the next blow to the fishermon con-

Leader of the Scottish put on the two herring There's plenty of herring: see Netionel Perty there, wee drifters based et Stornoway page 2

When they do, the proposals would make proposals to that effect soon.

When they do, the proposals will go to the council, the target for some outspoken criticism by Mr. Gundalech in his speech. He said that it was deplorable that Britain hed had to teke netionel measures, but the responsibility wes with the Council of Ministere, not with Britain.

Would make proposals to that effect soon.

the order bonning herring fiching woo made independently of the EEC, the Government could be floxible in operating it. They should grent exemption to the faw boats which fished entirely for herring. Other boat operators would not object to thot.

## Britain. The council is not divided QUOTA SET

four weys. Their laability to fiehermen wiii be imagree on e conservation policy hed caused the crieis.

Herring could be extinct in the North See by 1970

At a meeting in Inverness, ishermen set a ceiling of 10 Rescting to the proposal units per man per night at sea Jim Lovie, chisf-executive of for each boat — and the limit

The meeting elso decided cerned end to the local mons, Mr Doneld Stewart, that no catch limit would be merket for herring.

Hugh Brown, under-secretary for Scotlend, disrepeated representations had been made to ministers about this and they had resisted

meking excaptions. The quote will last until flexible, it would be crozy to put at risk the possibility of future agreement by such an

In his statement later, Mr. Stewart soid: "I hove been making the case for coms time to Mr. Brown and Mr. Silkin end heve not been

# fined

suppose they had to keep the Scottish Nationaliets happy".

A director of Joczon Rederij, owners of the *Maria*, said: "It is scendelous and shebby, that such a thing con NOrway happen in a civilised country".

Inverness tomorrow (Satur-

West Coast total allowable

# Dutch REGRETS IN Power trouble fined SHETLAND

there was genuine regret

Scottish flehermen meet et Treezers dey), to discuse the menegement of the UK share of the Stranded

Continued from P1

of the fleet's big freezers But times change. Not only which can now only fish in the Hollanders face the

SUCCESSFUL FISHERMEN USE

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which can now only fish in the north-east Arctic because of quote restrictions tonnes and the UK shere was fixed et 39,000 tonnes, of which 10,000 have already been taken.

In the House of Commons there has been all-perty becking for the Governments action in closing down the herring grounds.

In the House of Commons there has been all-perty becking for the Governments and the perton action in closing down the herring grounds.

In the House of Commons all perty becking for the Governments are as a season with few herring grounds.

In the House of Commons all perty becking for the Governments are and the perton action in closing down the herring grounds.

In the House of Commons all perty becking for the Governments are and the perton action in closing down the herring grounds.

In the House of Commons all perty becking for the Governments are and the perton action in closing down the herring grounds.

In the House of Commons are as is all perty becking for the Governments are and the perty becking for the Governments are and the perty becking for the Governments are an all perty becking for the Governments are an all perty becking for the Governments are an all perty becking for the Governments are all perty becking the following the form and all perty becking for the Government are all perty becking for the Go the north-east Arctic because summer season with few herr- ENGINE TROUBLE For the defendant, Mr.

WHILE Shetlanders do in Lerwick at the not want to see foreign weekend because of the fishermen cleaning up their troditional grounds, there was sorving to boat last week.

The 'Dutchies' heve been fishing for herring off Shetiend for hundreds of yeare—indeed they exploited the herring fishing to euch an extent that it is seid Ameterdem was built on the proceeds of the fishery from "behind the Shetlend islend of Bressay".

ONE of Huil's top wet fish the vessel is expected to be to Hull this week and to out of commission for chout out of commission for chout to Hull this week and to Hull this week and to the Hull this week and to Hull this week and t

Post-war yeers heve seen e Jim Lovie, chief-executive of the Scottish Flshermen's Organisation said that 28,500 tonnee have still to be teken. A spokesman for the Scottish office confirmed that the present EEC Weet Coast ban ends on July 20 and the fiehing could start from thet aree.

Continued from P1
prectising s high degree of restraint throughout the north-east Arctic before Norway unliaterally imposed the EEC quotas.

Norway's decision will involve the present EEC Weet Coast ban ends on July 20 and the fiehing could start from thet aree.

Post-war yeers heve seen e decilne in the number of Dutchmen visiting Shetlend, but in pre-war yeers the narrow meio street of Lerwick resounded to the noise of the 'Dutchies' clogs clumping up and down—and very welcome visitors they were.

I would be the confirmed that the number of Dutchmen visiting Shetlend, but in pre-war yeers heve seen e decilne in the number of Dutchmen visiting Shetlend, but in pre-war yeers the following arrow meio street of Lerwick resounded to the noise of the 'Dutchies' clogs clumping up and down—and very welcome visitors they were.

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limit:

Prosecuting on behalf of the Cornwall Sea Fisheries
Committee, Mr. J. Whiting said that Limanda was spotted on January 10, fishing 2.7 miles off Lowland Point by Chief Sea Fisheries
Officer Mr. Bron Torkin.

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— say skippers on the grounds on the grounds

cntch 30 tons of food
quality herring - said
skipper of a Scottish Aberdeenshire) claimbaen used the state
baen used the state
b

House of Commons herring stocks. committee lest woek.

purse selner disputing ed that fishormon in would heve been the scientific evidence of north-oast Scotland times greeter, it solthe size of herring are unanimous in thoir said. stocks in Scottish disngreemont with the Another skipper will weters was quoted in a sciontists' estimate of said that from 167

The letter, written to stemmed from the of the North See, in Dougles Henderson volume of herring be- leest one herring in

milea off Shetlandin Thet diaegreement the Norwegian sent wes indicated on the

ing seen and reports
especially in its
winter's fishing.
Ernest Simples
skipper of Seculor
gavo details in its
letter of reports

lettor of reporte by

various ekippert di good herring shoals.

in one reports spal purse seine net la twice baen used la

selled late In May.

Lest year Conqueror was Grimsby's aecond hest freezer with len-dings of 2,283 toones of its fish; Defiance with 2,084 toooea came third. reports, Skipper Sin BUT is Grimsby's ooly

ln September.

Norway bave run out.

dergo cooversion work to

freezer trawler owners and, of its eight-stroog fleet, one vessel is laid up with mechanical trouble. Almost loevitably, the decision to transfer the two big freezers on to the

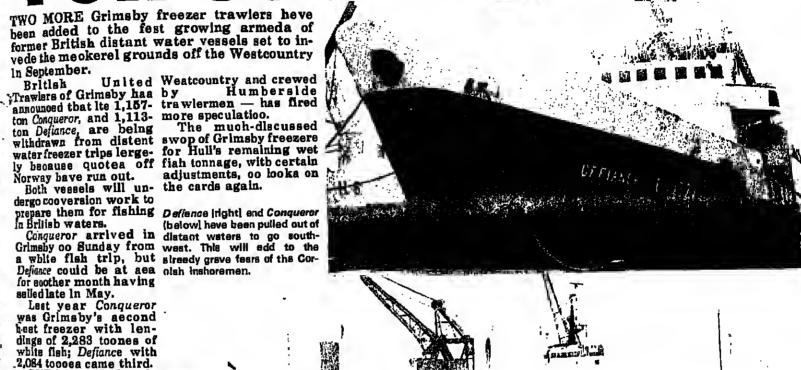
south-west mackerel grounds - based in the

British United Weatcountry and crewed Trawlers of Grimsby has by Humberside announced that ite 1,157-ton Conqueror, and 1,113-ton Definite, are being withdrawn from distent swop of Grimsby freezere for Hull's remaining wet

waterfreezer trips lerge- for Hull's remaining wet ly because quotea off fiah tonnage, with certain adjustments, oo looka on Both vessels will un- the cards again.

prepare them for fishing Defience |right| end Conquerer in Brilish waters. (below! heve been pulled out of in Brilish waters.

Conqueror arrived in distant waters to go southGrimsby oo Sunday from west. This will edd to the a white fish trip, but streedy grave tears of the CorDefinace could be at as a olsh inshoremen. (below) heve been pulled out of



the Dutch coming too?

STRONG rumours that the Dutch — after being deprived of North See herring — are to set up shop in British ports to get at the mackerel ware reinforced lost week.

Although no one was naming the country, it was revealed that an EEC member etste ie looking at Milford Heven as a fiching base for its fleet.

Roy Evons, general manager of the Milford Docks Co., eoid that representatives of the country concerned had been to the port and had been pleased with the facilities offered. But the question of how the scheme would be financed ad still to be settled.

This scheme was discuss ed at the company's annuoi general meeting in London when it was elso revesled that 11 Hull freezer trawlers will use the port from September to April, unloading mockerel catches into freezer carriers

The senson could, it was stated, he extended by two or three months with catches of blue whiting landed by

£55,000 BILL FOR SHIP often threa or more onco, eil within 240 metre ranga. Most the ahoais ware of 300 tons A DUTCH skipper wna fined £25,000 in Lerwick Sheriff court on Wednesday last week when he admitted fishing for herring in the North

Sea only eight hours after ment to allow the eolicitor to

Jonker, skipper of the Dutch

it was desired the matter should be referred he would have to hold the boat in port of it.

(valued at £5,600) convessel's owners had tried to hold that skippors are bround to know the British low.

(valued at £5,600) convessel's owners had tried to hold that skippors are bround to know the British low.

(valued at £5,600) convessel's owners had tried to know the British low.

This is a serious matter buy them back for an unconvenient was in ignorance £10,000) and fish catch Mr Peterson eaid the "In future I nm going to Socretery for Society for Societ

THE RESERVE THE PROPERTY OF THE PARTY OF THE

EN

T.

Jonker, skipper of the Dutch result on banning herring fishing in the North Sea had been Marinus Noordenbos, the boat's owner who was in court with a legal advisor, oaid:

Too banning herring fishing in the North Sea had been made on February 28, and continued in force after EEC

Too banning herring fishing in the North Sea had been made on February 28, and continued in force after EEC

have to hold the boat in port This is a more serious matter buy them back for an ununtil the local case was settled. This is a more serious matter buy them back for an ununtil the local case was settled than the other poaching cases specified sum.

Tuesday last week to teil "It will not be safe for them fishermen who must be a more serious matter buy them back for an ununtil the local case was settled than the other poaching cases specified sum. until the local case was settled.

After a 20-minute adjourn
than the other poaching cases specified sum.

than the other poaching cases specified sum.

Ha bad been arrested by correct instructions, but they curate information except the ebout the available could not do so because the British fishery authorities."

think he knew correct instructions, but they curate information except the ebout the available could not do so because the British fishery authorities."

Sea only eight hours after new British government new British government both had come into operation.

The ahip's gear worth e27,180 was declared forfelt and so was the catch worth end to buy). Total penalties were £55,000.

In the dock was Arle Pieter in the fine interests, and the previous fishermen. It applies equally to British interests, and the interests of all fishermen. It applies equally to British interests, and the provious fishermen. It applies equally to British interests. Sheriff MacDouold granted about £3,000 worth of damage.

She in May lock yeor csusing about £3,000 worth of damage.

So far the owner of the down of the dock was a a runction of the damage.

So far the owner of the damage.

The Hague, but ha has been unable to take the case there because of the coet, estimated in the fishing gear of his boat Guide Us i

with a legal advisor, oaid:
"We think it is a harch
sentsnee, and I abail be taking advices against it."

Before Jonker pleaded
guilty, his local agent,
solicitor John Matthew, asked Sheriff MacDonald to
fore the matter to the EEC
Court in Luxembourg, allowing the okipper to find cotion
In order that he could sail.

Sheriff MacDonald
pointed out that he had no
authority to allow cation—

Sheriff MacDonald
pointed out that he had no
authority to allow cation—

if was desired the matter

Wh. Matthew eaid the skipper bos been heevily
fined at Lerwick Sheriff
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fined at Lerwick Sheriff
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fresustations.

ANOTHER for eign
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Annother for breaking
between the skipper understood from the Swodish
occur to fishery authorities that he
was permitted to go industrial fishing from dout that the could sail.

Sheriff MacDonald
pointed out that he had no
authority to allow cation—

if was desired the matter

Sheriff MacDonald
pointed out that he had no
authority to allow cation—

if was desired the matter

Ontinued in force after EEC

talk broke down late in June.

ANOTHER for eign
aktipper bos been heevily
frest Lerwick Sheriff
four Le

"It will not be safe for them | fishermen who

Alick Buchenes Smith (Con. MP for North Angus est Mearns) seid the ib

over seen".

11 14

# Meal plant fish: the power to do so. They must put aside the fact that Cornish fishermen have no political leverage, that sny English city can outvote them. They must act out.

CORNWALL'S oationalist party, Mebyon Kernow, is making another plee for the county's own 50-mile limit in a ootice now being distributed.

The netice, addressed to cluding oll non-Cornish beate from the crucial area will the is headed: 'Why ie West-livelihood of our fiehermen be minster doing nothing?' It reads: "While the

government at Westminster ment to act - only they have wastes time making excuses for doing nothing, time is running out for the Cornish mackerel-fiebing industry. This coming winter will see the strival in Cornish watera more trawlers than have been here sioce the war,

thie crucial issue; join with Mebyon Kernow in demanding fair treatment for Cor-oish fishermen: the solution is in your bandsi

"But it is up to the govern-

CORNWALL See Fisherles Committee is to send These large boats come in such diverse plants and a band a move is an effort to seme pressure on meckerel.

mackerell stocks are to be enough?

"While the government conserved. If nothing is done said the producer the stocks would become James Philp, said it was a loost queste talk and talk almost depieted by the winter again.

and the producer of space all ever of 1978.

The stringent measures would then have to be local Cornish ishermen ere facing the loss of their livelihood.

Mehyon Kernow hae been saying for three years that there is only one way to protect our fishing industry; we have written to minietera, and producer or ganisations, yet none of these has adopted or taken up our suggestion.

So what is the obvious hym here of the situation put forward by M8.

Adding to these fears is the new to be journed to those banning herring fishing in the North Sea.

The group will travel to those banning herring fishing in the North Sea.

The group will travel to the fishing continue until no shoule remain, be for every must do something the fishing continue until no shoule remain, be for every must do something the fishing continue until no shoule remain, be for the fishing continue until no the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing continue until no those banning herring fishing in the fishing in the fishing continue until no those banning herring fishing in the fishing

Scelland and the Isla of Man,
Northern Ireland and
England, and they are all
after one thing — Cornish

Meckers!

At its meeting in Truro oo the committee, said a warning
At its meeting in Truro oo the committee, said a warning
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At its meeting in Truro oo the committee, said a warning
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fishing industry at the moment, Ouoteo etc, Quelity of liniahed product to of peremount importence end we believe we cen offer to the fish trade e service which io second to none. Our fish unito have a wide renge oi lecilities which include verticel plate freezing, blaet freezing, IQF, splitting, cutting, grading, shell lish processing, quelity control end peckaging. We elso heve spece for development end we would, on contractusi terms, be prepered to extand end increese our lecilities to meet your requirements. If you are interested in processing/storage or developmente, please contect our U.K. Sales Manager in London and he will be plaased to cell on you -

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and 131. Their economical price belies their performance, and their size and reliability

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Smaller then the 103, the DEP-MAR 131 is only 210 x 290 x

150 mm and walghe 6.6 kg

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between 0 and 120 fathoms with

alternative scales to 240 fathoma

and, in addition, a 'flasher' with

two ranga ecales, providing for

paper economy on peasaga. The DEPMAR 131 has 4 inch wide

paper compared with the 103'e 6 Inoh, but like the 103 it hes



steel veasela.

iecliity, and very low power ean

200 kHz traneducars are available

for wooden end libregless vee-

aumption. Alternativa: 50 kHz.

sels, and e 50 kHz transducer.

在"大学"的**是是在**最后的一个是一个的一个,这个是一个是一个的。 Algeria de la Companya de la Company

Just for the record

Kelvin Hughes have introduced two multi-purpose echo sounders, the Depniar 103

make them ideal for the smaller vessel.

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speed and pulse length are auto-

matically adjusted to the range in

use. Power consumption la only

29W from a 24V d.c. aupply, and

svallable for wooden, fibreglace

and steel veceale. Adjustable white line, end 'bottom any-

where ere feetured for flahing.

compact 50 kHz transducere are

dapth ranges between 0 and 280 fathoms. Sounding rate, paper.

DEPMAR 103

HIGHLANDS BOARD PLANS

# Seiner tops record HOLEI PORT and company records have been set in a five-day spell by Grlmsby-based vessels working through the Sleight agency. Skipper-ownar 'Sandy' Sanderson, in the enchoresiner Sonrene, scooped a massive £10,967 grossing at Grimsby market on Monday to too the port record by just in the solution of the port record by just in the solution of the port record by just in the port record. Also a new high just in this time with Duch in the pair team Corl Bern (Skipper Géorge Rile) in the port record. Also a new high just in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern (Skipper Géorge Rile) in the pair team Corl Bern records have been set

held by Arcono Boy, which of the record on her Ross Lcoperd nlso smashed

during some of the best North mede no misteke when he for her class of £2,946 per landed a 15-day Westerly trip dey. And her average price summer. Only five daye of 1,288 kits on Thursday last per kit of £29.07 was another weak. Ha grossed £37,447 on very good standard.

previous trip - late in June the old port daily everage

weak. Ha grossed £37,447 on very good standard.

to top the port record by just lived, high for Sleight.

ty plaice and eight of lemons.

Sonrene, back from a 14-day North See trip of 336 kits, lended mostly cod end codling, plus 92 kits of queli-

A spokeeman for egents, Tom Sleight (F.S.) Ltd., told BUT's 130-footer Ross Fishing News: "We are Leopord mada sure she sat

delighted to be back at the a naw Grimsby middla top. It was e beautiful trip." water trip grossing rec-

The previous record was ord last wask.

Fish will decide

needed on the Humber In the future.

port on the Humber, but also in the United

For a long time Grimsby as a fishing port has lived in the shadow of Hull. Only last year, over

£1m was invested in the move to a new fish dock

at Hull which now, with an average of one landing a day, looks something of a white elephant.
The natural division for Humber fishing

seems to be for Hull to continue as a frozen fish

port, with Grimsby concentrating on wet fish

Despite the claims made for Grimsby, there is

cerned what really needs to be examined is the

happens, the smaller boats will bave to follow

Circulatio

Ann Dunsford

Tal: 0272 425711

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the Post Office.

£8 per annum £8.50 ovarseas

fishing news

present landlug problems for other ships.

tonnage could not be handled.

hall twice previously broken a trip.

— her skipper Jimmy Brown record with new figures sed lest time was book mede no misteke when he for her class of £2.946 per the same week by shing.

ton condition, plus some fine

coley and other mixed in Ironically, the use which Ross Leopard just

Ross Zebra (Skipper Ras. Reeveel, with a 234,1929.

TWO GRIMSBY trawlers received bow damage last week after collisions in dense fog as they haadad home after middla-watar

First in trouble, H. L. The Remote areas of first in trouble, H. L. The Remote areas of the Scottish Highlands will benefit from a start with the Germen coasts Vikwith the Ge

Only smart action by Skipper Dava Wilson, who fishing boat cases which will continue to be dealt with by put Crystol Poloce hard continue to be dealt with by Fisheriee Division, the teams astern, syolded a very nasty collision and minimised tha will be responsible for tha inlemaged. The tanker was un- | vaetigation of applications for

There was no injuries in

# Shellfish

MOVE is to be made by Cornwall Saa Fisharlas as a result of higher pricas for Committee for a restric- fish, the estnings of lion of 40ft. to be placad oo boata fishing for ebellfish in the area.

The Minieter of two years. Although boat

Fisheries had praviously owners appaar to be more confirmed that a by-law on confident about the future, March 18 this year prescrib-eds maximum length of 50ft., craased invastment in naw but the committee agraed at boats.

It seems that most owners hould be brought down to are awaiting answare to questions about fishing limits

It would apply within the and quotes bafore committing three-mile limit and was thameelvas to new investnecessary If stocks were to ba | mant. conserved, espacially

WARNING on low fish Mr. Fairbotham eaid: "The Pleatwood last waak, stage and profit levals were

financial assistance from tha

respective areas and for after cara advica to firme and

bueinesses alraady eeteblieh-

The teams will work in

close collaboration with tha specialist staff in tha

divisions desling with

dayslopment, marketing and

fishermen in the area in the

ed in thesa placee.

The maeting was told that membera of the Fleatwood Fish Merchants' Association

There were rumours, he added, of eight or nine of tha porte trawlers going lndustial fishing later in the majorielised, constituted an Mr. A. R. Cook were added danger to an already of the association.

Taylor's 325-ton Osoko was badly boled above the badly badly

PRESSURE is to be put on strongly criticised at times, the government for aid to particularly by the South increase facilities for Devon Shellfisherman's flahling in Devon at Association. Salcombo and Dartmouth In the Rivar Dart, the — the two major orab ian-ding ports in the British

fishermen have only a short leasa on about 60ft. of Lingswear Quay, while at

The Minietry edd that

ment services.

The was steted by the Color of later limped into Grinsby with a large gaeb in her bows and the coaster, also demaged, returned to Germany for repairs.

Tanker

Just 48 hours later Conganisation of the management services end in vestigating steff of the properties of the South well with the search of the South well was second and later and schedule, made up lost spround.

Referring to building cost for the fishing industry in the douth-west Busty as a whole in the Highlands and Islands a decrease of some £136,000 for each schedule, made up lost schedule, made lost schedule, made lost schedule, made lost schedule, made lo



Boet eveileble now less engine and steering or complete, reedy for see, with diesel engine, 4 weeks. 17' 0" and 11' 0", Dorys elso stocked. Phone:

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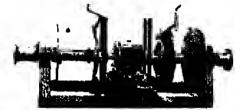
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Registerad ae a nawepaper 'at



Skipper Brown's hig trip was made up of mostly cud, codlings and haddocks in tip-

Ross Leopard - basta two-wask old middle water record

no doubt that any big transfer of fishing vessel SIR, Wa ara delighted to saa Fishing Naws' Fish Hendel Supplement giving publicity to Tony Woodook! Only one freezer a time can be discharged at Grimsby and even this swallows up over 30 men tarasting peper from the Shellflah Association Conference in which he gave a lot of practicel tips to from a lumper force of around 200, which would shallflaharman maka battar salaa abroed

While Grimsby has proved to be more versatlle than Hull, the future of fishing ports is go-We in the FOS have over 20 locsi sociaties and associations ing to be decided by where the fish are. With the concerned specifically with emphasis on British fishing now moving to the shallfish, and many of them are South-west and Westerly grounds, this could bring Milford and Fleetwood into contention as major centres of British fishing operations. sotively engaged in the export businass. They should be given svery ancouragement. As far as the future for Humber ports is con-

Unfortunetaly, the "paper work" and restrictions ettsohing to health olearance car-Cetes, stc., as far as cartell EEC countries are concerned, de present s problem.

wants to sas our Industry standing on its own fast in halping. to compensate for some of the coatly flah Imports which produce en imbalance of paymants, they should try to make life assiar for our peopls

7877).

E.B. HAMLEY, General Secretary. Fleheries Organization Society

14年4年

includes all Text Social M. Cheris
From: Cept. F. S. Horst
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West Charleton Days.
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Macboat 28 FerroCement

Fishing/Works

Special Correspon Courses for Fisher SECOND HAND (Limbel # SECOND HAND (Limbel # E)

Surely, if the government

75-77 Ashgrove Road, Ashlay In this respect Down, Bristol BS7 9LW. Wa would atrongly recommend oo-operatives end groups angaged in export business to get hold of a copy of the ourrant Export Handbook issuad fres on application to the British Oversess Trade Board, 1 Victoria Straet, London SW1H OET (Tal: 01-216.

858 London Road Cheem.

During the annual meeting running so low that they of the Fleatwood Fish could be wiped out by just Harry Fairbotham detailed the ed the spring landings

then the corresponding at the port

period of the previous year.

It is aid that, despite this, she company had still been shie to make a small profit, but added that trouble would not be far ahead if the present trend continued. Soma way had to be found to improva the supplies at Fleetwood.

There were rumours, he at the port.

Youth at the port.

Youth at the port.

Youth The he is the port.

Youth at the port.

During that period, whan landings were supposed to be at their pesk, there was 22 Ownere' Association about then the court less fish in the port

fisheries, land usa and agricultura, industrial Dealing with the raport, Professor Alexander said that IS YOUR ENGINE? Professor Alexandar eaid he was glad to raport, -

> Every time your engine breaks down, you not only lose another chance to fish, you lose a chance to

make money.

And besides making life difficult for you, it poses a problem for everyone else in the area.

On the other hand, you could rely on a Mercedes-Benz engine

to the OM 404 (370/430 HP). Each of these engines can be relied on to be economical on fuel and maintenance and very long on life.

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You've got a choice of seven If our engine's economical then engines, from the OM 636 (36/42 HP) your boat will be profitable.

Marine Engine Department, Mercedes Bena (United Kingdom) Ltd., Great West Road, Iberuford, Middlesex TWB 9AH. Please send me information on the following engines: (Tuck the appropriate hours) : 13 OM 401 (165/192 14P)
(1 QM 616 (2642 14P) 1.3 OM 401 (165/192 14P) (3 OM 402 (130/196 1IP) CTOK MIJOKOW HP) . C1 OM \$13 (275/34) HP CM(112 (JUS/CAS 14P) COM 404 (1744 W IIP)

thunderstorms the it is essential to remove all topside planking had and soundar.

worried about the engine. so thoroughly that no trace of will it be a complate write-off or not? There's the

Marconi

**Marine's** 

**Net Monitor** 

NM 853T

has greater range for deeper

fishing

fished for blue whiting.

new

NOW

The first — vitally imporundorwater, until you aro completely ready to start

either engine ar sounder before you start work, your euccess may be limited.

So do not be too hasty in beaching the boat and pum-ping the water out of her.

salt and sond as well as sank my boat — moisture from every single component in both engine

for the blue whiting

Then a liberal application ant — thing is to keep both of one of the moistura repollent compositions thn come in aersol sprays

The sump and gearbox, of course, should be drained ond cleaned

Air inteke and other filters should be replaced; so should all seals and bearing inserts.

The sconer the engine and sounder are re-assembled and run, the better. Every part of the sounder should have a final application of water repellent spray before it is switched on.

opened up in that long opened up in that long spell of dry weather.

"I think we can get her into the shore at low water but I'm and hose or wash every piece the shore at low water but I'm and hose or wash every piece order.

As additional advice, I When both parts are in

As additional advice, I sweetly as i would like to add that I had a a ducking.

SUBMERGED RECEIVER

John Burgess' Log

rite-off or not? There's the cbo sounder too.

"The boat is not insurad and I can't afford to replace either the engine or echo make 100 per cent certain that minute particles of salt minute particles of salt minute particles of salt make 100 per cent certain that minute particles of salt minute particles of salt make 100 per cent certain that minute particles of salt We soused it in fresh water later. sounder.

"Is there anything I can do that minute particles of salt to save them?"

If you can carry out the bave been removed. Following drill, you stand a good chance of making the engine, end possibly the sounder work again.

The next step is to blast all engine our local diesel engine, our local engine engine engine engine engine engine our local engine engine engine engine engine engine our local engine our local engine eng

DETECTING TRANSMITTER

perhaps as far as the transducer. If this happens, shorting of the transducer

March 11, 1977

extinguish a firebuil

eent concentrati

However, when BT

used, the reverse was 13 PM was, therefore sidered to be the

stritable end affection

quenching equipme

enginerooms and hold

BTM is a clear gut

Containers

An amount of BIM

ficient to saturate of

lighter container ful necessary for CO,

The containers, bent

directly over major into

complicated pipered;

total flooding system

nhout 50 per cent by!

per cent can country BCF needed to entire fire is between 5 mi cent. Yet s fire fighter ed for more than me

QUESTION

# IF YOU have any own

about bosts, equipmed,

with a stamped addessi-

"WHY DO YOU note

ly a complete new system for smile

This question is

quontly asked of the li-Navigator Co. ever sint

started to manufacture.

The answer today it b

sizea and types of all

Tho gear comprise its original regardly seek to absorb all shocks.

can be mounted either

It olso includes 1 fair-

wheel and associated by mitter, designed for

The latter can be some

Pedestal

or bolow decks.

range of autopilots

Concentration of the

smoke hazard,

"I WANT to purchase a to a concentration of a fairly fast (12-15 knot) cent would be in p boat about 18ft. long for danger. potting, lining and net

"Sha will have to be a hallow drought vessel as I will have to keep her in a har-

"Please send information or methods, John Super and the type of boat I require slways prepared to in and where she can be built." snewer them if they will Wodham Stringer (Dell Quay) Ltd., Clovelly Road, Southhaurne, Emsworth, Hampshire, uppeld a GRP dary hull which you could camplets and fit nut to meet your requirements exactly.

The hull is a little over 17ft. long with a beam of about 7ft. and a draught of less than a foot. It woighs about 800 lb., has a reserve luoyancy of 3,000 lb. and is so designed Iliat it will remain upright when aut of the water.

Transom height is 20in. so you could power it with any long shaft outhoutd ongine which would give the speed tho company cso 105 steering genrauitable for you requiro.

### **MORE ABOUT** FIRE-FIGHTING

RECENTLY a reader ackad whare he could got ro quenching equipment ir the enginercom in his to varying dismining

I can now add to the infor-mation I gave him, BCP gas is an excellent extinguishant for use in small engine com-partments (in all except GRP coats), but not in engine may wish to remain or reenter soon after the gas has

imilar to Carbon Dioxide the concentratione required for it to be effective, e dangeroua to humane both from a toxic and an asphyxiation aspect.

### Impracticable

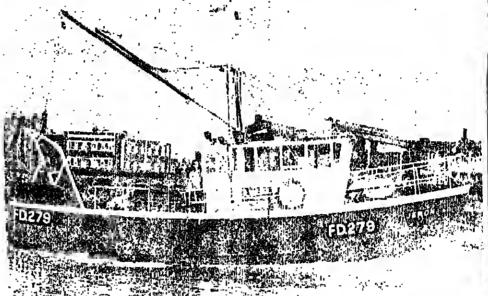
BCF and another balogenated hydrocarbon gas, called BTM, ware originally evaluated during the 1939/45 war for combating fires in alr-craft, tanka, and com-partments in chips in which it was impracticable to inetall or use bulky CO<sub>2</sub> fire fighting

Teets revealed that BCF was superior for saturating small epacee from portable containers but not so: in manually or automatically operated betallations.

A seven per cent concentra-tion of BOF was required to



Part of the five-boat deall Cappy (abova), basad on a Tyler-Watson 37ft, hull, end Jeron helow), one of the 36ft, hulle from Halmatic in Orknay.



# PORT SELLS . . five-boat deal

FLEETWOOD is to losa the deal are: Onward Exlta entire fleet of insbora glorer, owned by Mrs.
GRP boate to Africa as Mildred Scott and enough for the weather skippors. Five boats will be going to Gambia to fish for Sipol (Gambia) Ltd. on and Norman Pendiabury; Mrs.

"White I believe these boate are not quite man enough for the weather they have to work in here, they should be ideal for conditions in Gambia," and Norman Pendiabury; Mrs. Hilton told Fishing

former Maryport Hanarman and now manager of the Gamblan firm, leavee the Lancaehlra port with only wooden veseele lo its lashore fleet.

What by the Gamblan for Coppy and Explorer, Coppy and Rodolingo ara all bae od on 37ft. Tyler-Watson hulls. Pilgrim and Jeron ara

involved in 36ft. bulla from Halmatic.

an experimental basia. Pilgrim, Skippar Ian News on Tussday. Thay A cash deel negotiated Fairclough; Rodolingo, Roy will be working over an by Jack C. Hilton, a Mitchinaon; and Jeron, aroo of 300 miles of former Maryport fisher- owned by the Greenhall tropical water in Africa.

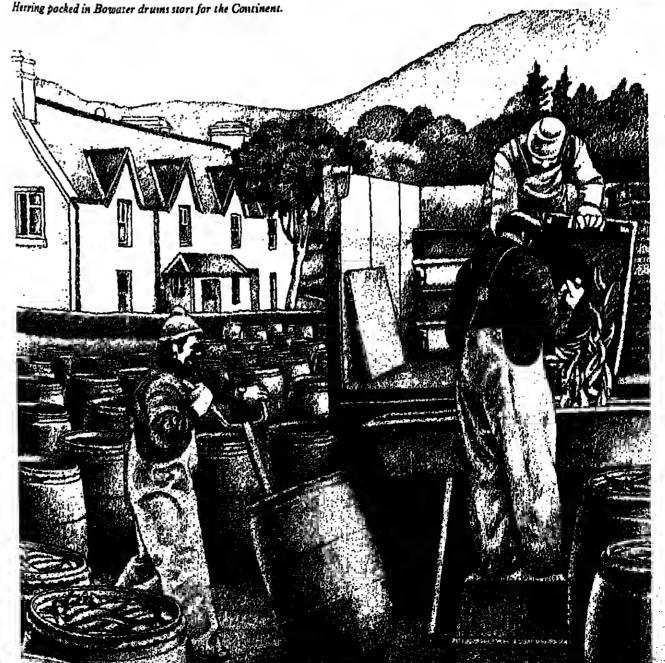
Mr. Hiltnn also reveal ed that Sklppar lan Fairclough would be going out to Gambia oo a thrae-month mission to natruet native fisharmen in the use of the boats.

The Gambian firm alac

operatoe ex-Greek froczor trawlore. These supply Nigeria with frozon blocks.

Would he be back to buy more boots? "Let's see how these work first", replied Mr. lillton

After selling his boat Pilgrim to Gembia, Skipper lan Fairclough (left) will be follow ing her out of Africa. He will be nstructing native crews on



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indication of the quantity of fish in the net.

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to interfere with normal operations.

cable connection to the equipment - nothing

It will also monitor water temperature at

above and below the headline and an

the net.





Merch 11, 1977

# Cornish Skipper orders Salow: Ocaan Triumph in heads down the MeThy she in River Mersey. She was later salled to the Jung out. The 76-footat in powered by a 598 thip Cabe. piller dless?. an 83-footer

THE fast growing Merseyside yard of McTay Marine is to build a steel 83ft combination side trawler/long liner for the Cornish port of Newlyn. She

Designed by McTay, the i10-groas too trewler will heve e breedth of 24ft. depth of 13ft. 6in. end e refrigerated supplied from a Roberteon fiab room of 158cu.m. Accom-modetion is to be provided for

e crew of six.

Propulsion will be by e
Blecketone ESL6 diesel engine of 825 bhp et 900 rpm, turning e four-blade, fixed-pitch, mangaceae bronze propeller through a 3:1 reduction Blackstooe gearbox. A Kort nozzie will have Hannen siots to incresse manoeuvrability. Design speed is between 11.5 and 12 knots.

Auxiliary power will be provided by e Lister RW 5 MA diesel engine driving e 40kW 415V, three-phase, 50 cycle alternator, fire and bilge pump and net retrieve unit. In addition there will be a Lieter SE 3 MA 10kW harbour set under the main engine.

The new Cornish vessel is to be powerfully equipped for fishfinding: her spocifice-tion cails for two Furunc soners, types FH102 and FH105. The latter set is thought to be the first of its type fitted to a British vessel.

There are aiso two Furunc echo acunders, type F850 with AD acope and type FVV11; a Furunc FNR 200 net monitor; Decca autopilot and Decca Nevigator Mk. 12; and Furunc FRS 24 radar with veriable renge marker.

Communications equipmed for fishfinding: her spocifice-tion cails for two Furunc soners, types FH102 and FH105. The latter set is thought to be the first of its type fitted to a British vessel.

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Communications equipmed for place and thought to be the first of its type fitted to a British vessel.

The new Cornish vessel is

We wish to contact

reliable persons capable of

acting as our Sole representative

for England/Scotland. All enquiries

will be handled with the utmost discretion.

Mr. J. Smit

Write or telephone:

Kelzersgracht 197

Amsterdam, Holland.

Telephone: 255484 and 243339

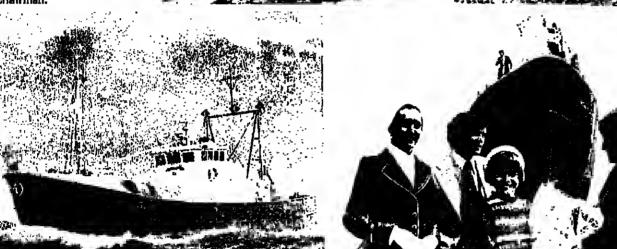
ordered by Skipper T. S. winch boomswingsr and Thomas end his two sons (both skippere), the boat is echeduled for delivery by February or March next year, just eight months after signing the order.

Designed by MoTau the fixed price contract.

Winch boomswingsr and windless will eli be from the letset 'Fifer' renge manufectured by James Miller at St. Skipper in Murrey, his wife end daughter, with Mrs. MoBurney, wife of MoTay's endired by MoTau the MoTay and th

pump mounted on the front end of the main engine.

This is the well-known



JOPA fish box

Deck gear is to include a Robertson type 10M2 three-drum, ten-ton hydraulic trawl wincb; a type 3PN12.59 net winch, also by Robertson; and an individually electrically - driven MecTeggart Scott line as in the area whers they haular.

Gilson winch, lending

The new vessel is designed for pelagic as well as demeral and demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for pelagic as well as demeral trawling and she is arranged for the set of the set in a series of guests travelled from Triumph II is similar in full in the form to McTay's 74ft. Caterpillar reverse ready form trawlers from McTay's 74ft. MacInter personnel trawling and she is arranged to that a seawater tanks can be readily fitted.

The Thomes femily expected from McTay's 74ft. MacInter personnel form to McTay's 74ft. Scottish seiner trawlers from McTay's 74ft. Scottish seiner

she will be fitted out for flyshound by the Jumos N.
Miller yord.
She mode the trip in 39 hours and had to be slowed to moet the tide of her destination.

Scattering where should be a land-start Geometric or the slowed to moet the tide of her destination.

24V d.c. generator.

Auxiliary power is provided by a hand-start Geometric or the slowed to be power of the same which, a sensation.

hours and had to he slowed to most the tide of her destination.

It is haped that fitting and will be completed by the end of August. Skipper Murray hos said that he will be fishing the North Soa for code and heddeck.

Built ta WFA oppraval, the Occon Triumph II has a broodth of 22ft. ond aloptination midships, Ift. Sin.

Site is of ell-welded steed construction with rounded bilge hull form, flush deck, trenson storn, reked eoftmoss atem, box keel and ateal wheleback.

An aluminium alloy gutting shelter is being fitted and the wheelhouse is elected by three wight.

The hull is divided by three in how winch, located the shelter of the while the wheelhouse is elected and the wheelhouse is elected and the wheelhouse is elected.

The hull is divided by three in the saint winch, located the shelter of the while the

weight.

The hull is divided by three watertight bulkheeds into forepeak and netstore, fish hold, engineroom end cabin for e crew of eight.

The fishroom, of 2,900cuft. capacity, is insulated on the sides, bulkheeds and deckheed with 8in. injected foem behind e leminste of GRP.

It is fitted out for boxing et

It is fitted out for boxing et sea and hea three loe lockers on each side of e batchwey which opens on to the main deck just forward of the gutting shelter.

For fishtinging to tion the new selner trains to be equipped with the property of the property o

deck just forward of the gutting shelter.

Fuel oil and fresh weter capacities ere 3,300 and 600 gellons reepectively.

Propulsion is by a Ceterpillar D378 diesel of 585 bhp at 1,225 rom. The engine, fitted with duel-station central management of the wheelhouse, is coupled to a hydraulic by Tennot in the wheelhouse, is coupled to a hydraulic by Tennot in the wheelhouse, is coupled to a hydraulic by Tennot in the wheelhouse, is coupled to a hydraulic by Tennot in the wheelhouse, is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse is coupled to a hydraulic by Tennot in the wheelhouse in the wheelhouse in the whole hydraulic by Tennot in the whole hydraulic by Tennot

ONE OF the ameliest etern trawlers at Lowestoft wee top eerner at the port last week. The 80ft. Boston Seo Ronger, which joined the fleet last December, mede £14,321 oo Mooday'e market laat

Skipper Ian Lace hed brought the vessel beck from so 11-dey trip with 484-kits

In second place was one of in second place was one of the port's largest vessela— the Colne Group's side trawlar St. Rose (Sk. S. Jones). On the Friday she put ashore a 413-kit cetch after 13 days et sea to gross

Third pisce went to Small & Co.'s eide trawler Suffolk Venturer (Sk. Herry Bexter) which raturned for the Wednesdey merket after 12 days with 421-kits which sold for £11,314.

Aleo landing on the Wednesday was Taliaman's Bentley Queen (Sk. Alan Gill) which had 333-kita after 12

which had 333-kits after 12
days to gross £10,862.
in fifth place was Boston
Sea King (Sk. Paul Meen)
which, oo the Tuesday, landed a 370-kit catch after ten
days to gross £10,785.
Sixth plece was taken by
Colne's St. David's (Sk. J.
Harper). She landed 350 kits
on the Thursday to earn
£10,460 sfter 12 deys at sea.
Other ussful landings during the week included Boston
Wasp with 352 kits, Boston
Kinsman 345 kits and Ripley
Queen 308 kits ianding on
Manday Queen 308 kits landing on of Plymouth Polytechoic.

On the Fridey Constance Bonks had 359 kits,

of the South Devon Shell Fishermao'e Association, hes been elected the oew chalrmao of the Devon See Fisheries Committee.

It is hoped that the aurvey will provide a guide to the ways in which support may best be given the industry. It was sea fisheries officer, Bill Marquand, who edviced the committee to have en economic survey carried out.

The report is understood to contein over 30 recommen dationa, some of which mey have to go before the island States parliement for ap-

Simon Day, a local county councillor at South Hams, hes been appointed vice-cheirman.

One problem which is highlighted in a lack of facilities for the fishing fleet at St Peter Port Harbour.

C. S. FORESTER oontinues to leed the Hull
Distent Weter Challenge
Shield Competition with
Hammond Innes accord,

The latest list covers the
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The latest list covers the
Shield Competition with

The latest list covers the
Shield Competition with the shield w but the points gep between theae two Newlngton wet fish etern trewlere beaclosed.

The lateat list covers were situation to the end of May, with allowences for tripe begun that month and ending in June.

Top 20 for May (with

C. S. Forester is still positions for April in

(3) St. Gerontius   Hamiling    11,820   21,817   4   14   Ross Striue   BUT)   8,588   18,888   5   6   St. Giles   Hamiling    8,574   18,440   9   9   Arctic Corsair   Boyd    8,418   18,017   7   11   Ross Orion   BUT    8,478   17,378   17	C
12   Hammond Innes (NewIngton)   12,285   28,817   3   3   5t. Gerontius   Hamiling    11,820   21,817   4   4   Ross Sirius   BUT)   8,588   18,888   5t. Giles   Hamling    8,574   18,440   9   9   Arctic Corsair   Boyd    8,418   18,017   7   11   Ross Orion   BUT    8,478   17,378   17	
12   Hammond Innes (NewIngton)   12,285   28,817   3   3   5t. Gerontius   Hamiling    11,820   21,817   4   4   Ross Sirius   BUT)   8,588   18,888   5t. Giles   Hamling    8,574   18,440   9   9   Arctic Corsair   Boyd    8,418   18,017   7   11   Ross Orion   BUT    8,478   17,378   17	
4 (4) Ress Sirius (BUT) 8,588 18,888 5 (6) St. Giles (Hamling) 8,574 18,440 8 (8) Arctic Corsair (Boyd) 8,418 18,017 7 (11) Rosa Orion (BUT) 8,478 17,378 8 (7) Someone (BUT) 8,478 17,378	η
5 (6) St. Giles (Hamling) 8,574 18,440 8 (8) Arctic Coreatr (Boyd) 8,478 17,378 8 (7) Someone (BUT) 8,478 17,378	
5 (6) St. Giles (Hamling) 8,574 18,440 8 (8) Arctic Coreatr (Boyd) 8,478 17,378 8 (7) Someone (BUT) 8,478 17,378	h
9 (9) Arctic Corselr (Boyd) 8,418 18,017 7 11] Rose Orion (BUT) 8,478 18,778 18,778 17,378 17,378	1.1
7 [11] Rosa Orion [BUT] 8,478 17,378	
8 17 Same Onth [BUT]	
171 \$000 48 707	h
(A) C4 A	٠.
	45
19 Lord St. Vincent (BUT) 8,090 18,396	ż
11 [13] Look Eriboli (BUT) 8,050 16,633 12 [12] Kinester 18,302	:
12 [12] Kingston Amber (BUT) 8,048 15,302 8,048 15,302 8,048 15,302 8,048 15,302	1
13 [14] Aratic Cavaller [Boyd] 8,944 18,144 14 110 Aratic Aratic Cavaller [Boyd] 8,914 18,144 110 Aratic Part 14,041	:
14 110] Arotic Cavaller [Boyd] 5,721 14,041 18 115] Falerier [Boyd] 7,924 13,865	
19 115] Falstaff (BUT) 5,724 13,855   18 (20) Rass Tarking   18 (20) Rass Tarking   19 (20)	÷
18 (20)	3
	3
18 (19) Portia (8UT) 8,422 12,609	
19 (18) Arctio Vendel (Boyd) 8,706 12,002   18   18   18   Benella Manuel (Boyd) 4,706 12,002	៊ុ
18 18) Senelle (Merr) 4,867 10,182	á
118] Ross Otranto (BUT) 5,716 10,122	'n
20 118] Ross Orento (BUT) 4,887 10,122 15	7



A PARTLY fitted-out steel fishing vessel which has been tied up in Fraserburgh for a long time has been towed to Aberdeen where she will be completed by John Lewis & Sona Ltd.

When she is ready for see later this year, the 85 ft. vessei wili be offered for sale unless en owner

ia found earlier.

Named Beta, ahe is one of two boats originally ordered from the Bute Slip Dock Co. Ltd. by Scottiah owners in association with the Saivesen Group. Her huli was bullt by C.B.S. Engineering of Liverpool about three years ago and the huii of the accond veasel wae built on the Clyde.

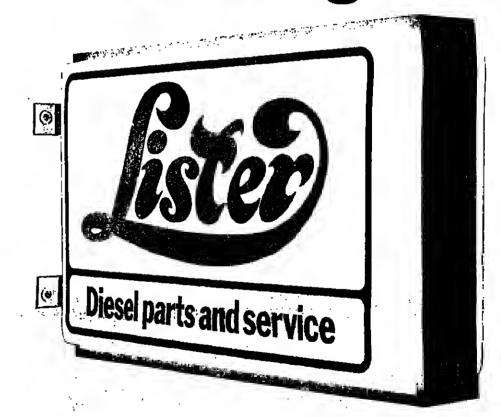
At a later date both hulls were taken for completion to the English yord of Glnason Merine

Following the closure of Gleason, both boets were towed to Fraserburgh where they have been tied up for about nine months. During that time Solvesen unsuccessfully tried to sell the vessels on behalf of the owners or to find skippers to take them over when finished.

Before leaving Glaasoo, Beto had airoady been fitted out with most of her engineroom equipmont including a Mirrlees Biackstone englos, Ford aux-iliary engine and electrical geer.

The aecond vesasi named Delta waa iesa advonoed. Lowia will fit the gear handling machinery, hydrauilc eyatem for its fiah room, eccommodation and dockhouso, and generally com-pleto the veesel ready for sea.

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isler

R. A. Lister & Co. Ltd., Parts & Service Division Dursley, Glos. GL11 4HS Jel. (0453) 4141.

"FANTASTIC" is how one former skipper described the Mustad Autoline long-lining system on the 85ft. Norwegian boat  $\phi$ yliner after sailing with her on a short demonstration trip from Stornoway last month. The Norwagian boat has been designed around the system and was brought to Stornoway by the Highlands and Islands Development Board to show icoals one method of fishing which could be used to supply the planned Breasclete fish drying plant.

Around e dozen went on the down to the usuel etory that If demonetration trip, including a skipper or owner is consenumber of skippers and a vinced it will work profitably.

Highlande and Islands Board then he will make it work training skipper experienced profitably.

That pettern emerged from shooting.

in long-line fisbing.

Oyliner set off from port end shot the gear, but e suspected battery fault meent the the gear hed to be left in the water and Oyliner wee towed back in. She is thought to have retrieved the geer mext day.

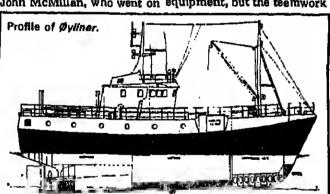
While the geer wes not seen being heuled, most of the visitore were impressed by the demonstration, the Uren femily of Krithey were ebic to see the heuling operation on film.

Thet pettern emerged from cese hictories presented by Mustad at the symposium from the records of 23 Norwegian end Icelendic the vessele lieted as using the eyetem (Oyliner is the 24th). In commercial tarme, the Icelendere eppear to be the most euccessful.

Judging by the demonstration, the Uren femily of Krithey were ebic to see the heuling operation on film.

ing operation on film.

The group was told that the equipment, coeting between vessel in Merch, on the short £30,000 and £40,000, could be demonstration run in Aeleused by boets ee emell on the short they were able to exhibit not However, former ekipper only familiarity with the John McMillan, who went on equipment, but the teemwork



the demo trip, seid that the plainty essential for its opera-geer would take up a lot of tion. room on a boat of 54ft.—end Development of the these creft ere too emall to Mustad eyetem goes beck to fish grounds euch as Rockell, the mid-1960s and might be

there ere no sizeable longthere ere no sizeable longliners based on the Isle of built longlining vessele hee
Lewie et present and, while else been going on in Norwey
the eystem is highly impressive, some aboard for the
demo still preferred the more

manufacturere of fish hooke,
but development of purposebut development of purpos

cetch-on locelly.

An internetional gathering et the West Norway port of Aelesund saw a demonstration of Oyliner certier this year.

The general impression of 115ft of which saveral certification of the representation of the representation

The general impression gathered from the representatives from Canads, Iceland, Portugal, India and the United Kingdom who were there was that the demonstration proved that Mustad now bas an effective and workabie system. But there were still a number of economic questions unanswered after a symposium held at the time of tha demo.

However, it seems to boil

for instance.

Seen ee a logical extension of He thought e boat the elze of Øyliner—et 85ft.—would be fer more euitable. He eeid manufecturere of fieh hooke,

developmente, there is a He thought the method inference, e feir emount of prapered to predict if it will government money) behind it

Two boets similer to Oyliner ere now on order in Norway, where the development of long-lining systems goes beck a number of yeers.

An interesting of the control of the co e policy decielon thet longlin

are facing a threat from a small tingis which is sating largs numbers of young

These tingles, or "drille" ee they are sometimes celled, lave become unusuelly ebundent in the area. Surveye by cleotists suggest thet there is minimum population of 3 illion drills on these oyster

OYSTER fishermen

Local fishermen are celling series of severe winters. or soms control meesures ingle can eet 40 oyeter epet

the European rough tingle -Ocenebra to give it its proper name. It is a netive drill which, before 1939. lived on all the mejor oyster produc-

working the now famous Stanswood

some unknown reeson, the These egg capsules should number of tingles has repidly be screped off the shelle end increesed in the Solent during taken eshore above the high

other molluscs by drilling e hole through the shell (hence the name drill) and then sucking out the flesh. The trouble ie thet they prefer oyster-spet of thumbneil size

Tingles ere moet activa

for some control meesures. It still occurs along the stones end ere yallow cap-which are very necessary as it south end west coests of sules stuck end-on. They look has been found thet each England and Wales end, for rether like grenules of plastic.

to hibernete and bury in the seebed.
How can tingles be controlled? One method is to lay treps during the breeding seeson (Mey-July) on to which the drills crewl to ley their egg cepsules. Curved roofing tiles can be used. They should be leld in rows, with the curved outer side upwith the curved outer eide uppermost, et low weter of spring tides end exemined fortnightly et low tide.

Oyster fishermen can help by looking for tingle egg-cepsulee in the rubbish of their dredges. The eggs ere usuelly etdaced to shells or

weter mark and dumped. It no good throwing them beck! The tingles are like email. pointed walks; they will live quite heppily out of weter for at leest eight deys and should

Mechenicel crab ploker We elmost ell egree thet e better price should be peid



coests quentities of good quelity crebs remein un-fiehed beceuse demand le low. I suppose that the poor price of ten peid for crebe reflects the poor demend from come shellfish processors who heve to pay youngsters to pick the meat out of the crab hodies.

Some fishermen don't

heip by dumping soft-shelied fieh, so se to represent ep-crebs ashore and reducing the proximetely the size composioverall yield from con- tion of local unselected

The Torry Research Station at Aberdeen hee Racapturas tested an American crab meet eeperetor which mechanicelly picke tha mest

cielly in the USA during the was pald. iest decede end it jooks es if the separator, which le normeily used for creb epeciee

sdepted for our crab.

The process involves first the butchering of the cooked whole creb by hend (euitable mechinery hee been developed in America) efter the brown body meot has been removed in the normal

The clews, small walking cd noar Bridlington were legs end the cleaned body cores, that is the white meet containing parts of the body, are then fed into the chopping

specific gravity. The brina carrying the creb plue shell is flung by centrifugel force egainst the bowl: the shell candidate end the meet esparate by im-

The shell then einks in the leyer of brine and the extended meet floats and is given growth information. On

was effectively removed from the various perts of the creb bodies and the amount of meat left in the waste was considerably less than with band-picking.

proximetely 50 per cent. Only 6 per cent of those receptured off Norfolk had moulted, euggesting that the releases in mid-July took place efter the main mouiting period

Since the smell legs (usually discerded by the UK processing industry) can be essily processed by the equipment, the overall yield should be considerably better then by hand picking

by bend picking.
I've heard rumoura that one of our eballfish com-peniae piens to tast this mechine here. If crab meat economicelly, interest in creb senson to obtain information oen be extrected more reprocessing could be revived to on growth. result in a larger market for UK-caught crab.

Migration

Lobster tagging mele released off Norfolk moved 11 miles to the northwest. While sk lobater release ed off Yorkshira moved more than 10 miles, five to the northwest and ona to the southwest. The progremme was coarried out by staff from the Fleberies Laboratory. Burnham-on-Crouch, Essex, end I quote: "The work was is obtained free of charge initiated because of falling to the growth rate."

In the growth rate Crouch, Essex, TRAPPER.

rete and the proportion of the stock cought by fishing. "This information is need-

ed to be cure that any change In the minimum landing size for lobsters will benefit the

fiehery concarned. "The lobeters were tagged by e smell pleatic teg inserted into the muscle between the tail and the cerepace, end it is reteined in this position efter the lobeter hes

Between June and September 1976, tegged lobaters were relaced et positions elong the east coest
— 295 off Seehouses, 803 off
Whitby, 152 off Bridlington
and 527 off Sheringhem/

The lobeters tagged end eleesed included undersized

Fiehermen were asked to help by returning tegged lobstere, together with details end is reputed to obtain a of the date end position of higher yield then by hond- capture, to their local fisheries officer or tag collec-The mechine has been tor. A reward of 50p plus the developed end used commer-merket value of the lobster

Of the 1,778 tagged lobstere released, 317 (18 per cent) were receptured up to the end of 1976. The highest recop ture retes were off Norfolk (24 per cent) and Whitby (22

per cent). Off Northumberland, where releases were mede at the end of the main fishing seeson, only a small proportion (5 per cent) were receptured. Only two of the 152 lobsters releas-

There was a high return of tagged lobsters during the first few weeks after release The chopped creb is next fed into a centrifuge bowl in e steem of brine of e perticuler those receptured were cought those receptured were cought in the first two weeks efter

Growth

Of those receptured from Whitby, 46 per cent of the collected; it is then washed of excess brine.

Teste by Torry staff in the Stetes heve been encouraging. The white meet proximetely 50 per cent. Only couraging.

> lerger increments (14 per cent) than Yorkshire lobsters, but as the Norfolk lobsters wera generally smaller — and smell lobeters usuelly bave e proportionelly greater in-crease in langth — the growth at moulting is besically the

> > The Northumberland

Once egain the Torry lab is doing some useful work for in all areas were within five the industry.

The majority of receptures in all areas were within five miles of the release area; one mele released off Norfolk.

With ordinary radar there are six fundamental problems that can hinder the interpretation of a radar picture - Sea clutter, which can best be dealt with by manual adjustment of the sea clutter controls; Rain clutter, dealt with by manual adjustment of 'rain' and 'sea clutter' and 'gain' controls. (These controls require constant skilled adjustment, sometimes over iong periods, and provide at best a compromise solution.) Radar Interference from other ships and receiver noise from own ship also worsen the picture. Weak echoes are hard to pick

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out and small echoes even harder to see at

long range.

Sea clutter is suppressed by automatic adaptive control of the Sea Clutter Control.

The rain clutter is suppressed by automatic adaptive control of both the rain and sea clutter controls, and gain level.

Radar Interference is suppressed by

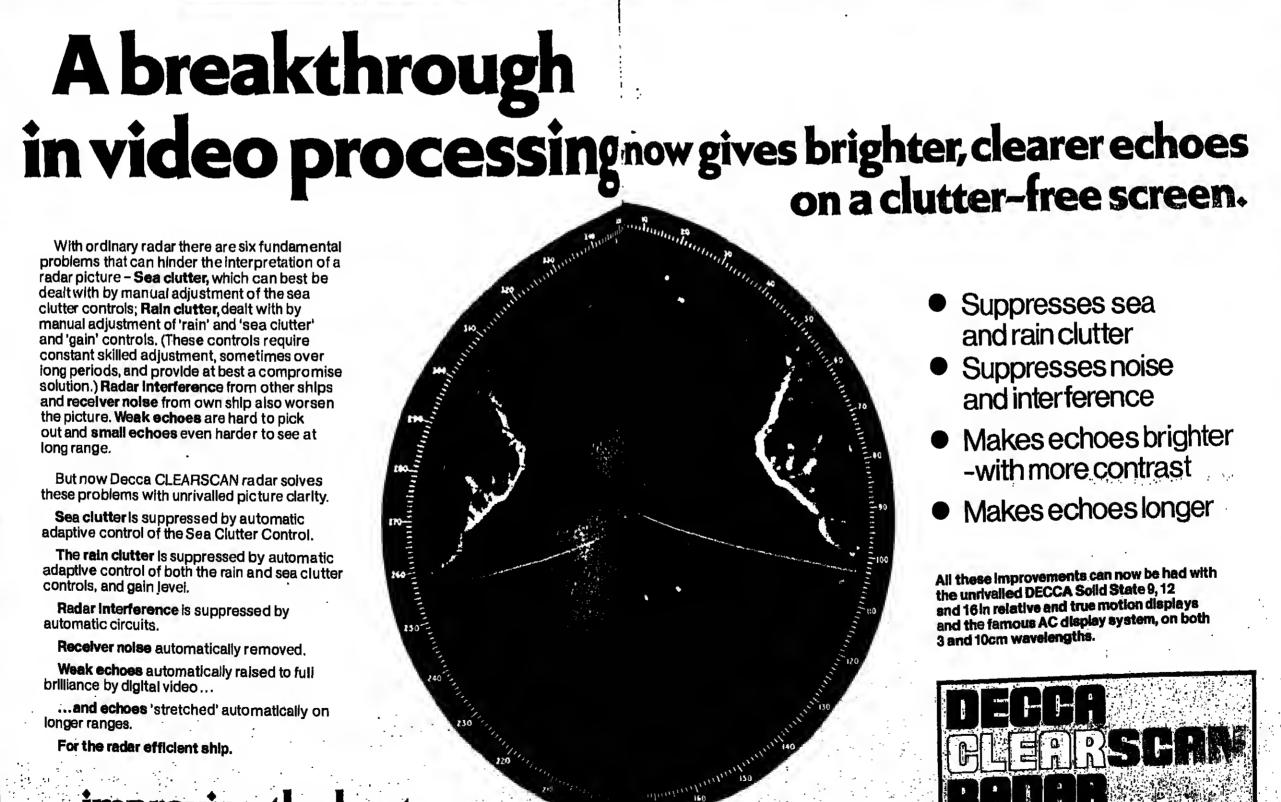
Receiver noise automatically removed.

Weak echoes automatically raised to full brilliance by digital video ...

...and echoes 'stretched' automatically on longer ranges.

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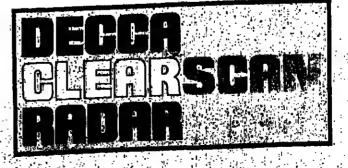


 Suppresses noise and interference

 Makes echoes brighter -with more contrast

Makes echoes longer

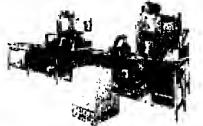
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the country.

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Shortway

incorporetes e number of new

design features in terme of

strongth, durebility and safe-

Orders heve been pouring

in following the success of the

prototype abound the 86ft.

lopeman seiner Acocio

By the second day of the

ahow rollers had been ordered by skippers Davie Smith of

### A bigger triple set via utilities are producted as the control of the set of the control of the set of the control of the set of the control ONE OF the higgast success etorias of the exhibition cama from tha naw Paterhaad firm of Shortway Ropa Guides Ltd. which booked a stand at tha very last minuta. By the close of the show this small firm had received orders worth £130,000. Shortway has developed seine rope towing roller (Fishing News, June 3) which

dia and Nigeria also showed interest in the equipment.

Anstruther end Petar Stephen of Boddam, near THE NEWSON AND THE NE THE NEWEST GRP bonteterhead, for use abourd bullder at the show was thair vessels Argonout IV and Horvest Hope III. Scarborough Boats Ltd. A model of its 35ft, hull was Other orders came from on the North Sea Winches porta as far apert as stand.

A Section of the Sect

FISHING NEWS

Hopeman and Grimaby, end Director of Scarborough interest was shown in the Boats, John Sheader, has rollera for use aboard enchor made a mould end hulls cen seinera in addition to the now be laid up either for com-Scottish fly-dragging seinera. pletion by the firm or at other One North Shields firm yards.

ordered rollars for four With a beam of 12ft. 6in. vessele end coble men along and depth, 4ft. 3in., the hull the north-east coast of has a transom stern, round England have asked bilgas and is of forward Shortway to design a smaller

Interest has also been designed to give a good grip in which we the weter forward and to this year. shown in the use of the rollar with werp tension meters.

ready-for-sea complete with a extra RSW tonks to give her increased carrying capacity wheelhouse, and en 18mm. In marine ply deck coeted with non-slip GRP. All the externel Karnuy is to profedricate to profedricate to the skippers' requirement. Wheway has become Campbeltown would be 415 V a.c.

Wheway has become Campbeltown would be 415 V a.c.

Le minimum of the skippers' requirement. Wheway has become Campbeltown would be 415 V a.c.

Cempbeltown Shippard white fiah peir irachig IN KEEPING with the says that the new design is developments and has mell move towards pair trawl-arousing interest and would

wheelhouse, and en 18mm.
marine ply deck coeted with
non-slip GRP. All the externel
woodwork is to be of selected
hardwood end all iron work
galvanisad.

The price includes o Ford
108 hp engine with 2:1 reduction gear, Wills Ridley hand
hydraulic steering coar, two
75-gailon fuel tanks, navigation and deck lights, plus a
small cabin fitted with two
bunks, cooker and sink. An
aft wheelhouse version could
also be built.

Recently the firm fitted out

fur mockerol ond blue
whiting.

fur mockerol ond blue
white fish peir tracit
devolopments and handle with the move towards pair trawlmove towards pair trawlmove

Recently the firm fitted out the 24ft. vessel Our Ion for Scarborough lisherman, Alan Roberts. Bassed on a Saltram 24 hull, this boat was described in Fishing News, May 6.

A DS25 Treeve Marins hull is shortly to be fitted out by Scarborough Boats for Mr. T. Luntley of Scarborough. She is to be equipped for notting

is to be equipped for potting and trammal netting, having a forward wheelhouse and e 2.2 BMC engina.

hydraulic eteering ar for the boat was placed on the stand of Wagner Engineering Associates Ltd.

### Karmoy

THE Norwegian yard now building a big purse aeiner for the Tait family of Fraserburgh, Karmoy Mekanieke Vorksted A/S of Kopervik, took a stand.

The firm menufacturae e wide range of high-pressure hydraulic gear and oatoh handling machinery, and the firm's aquipment la installed on many purse seinars end seiner-trewlers in the Scottish

The firm started building fishing vessels a course of real land. The 1857 pure seiner Chris Andra owned by the Tait family came from the yard which had details on the stand of the Tait's new pursa seiner. For further information contact Mike Short, Tel: 0779-71510 SHORTWAY ROPE GUIDES LTD 3/5 North Street, Peterheed, Aberdeen

manufacture.

Her RSW tenks will have a copacity of 480 cu. m. end other equipment will include Brunvoll eide thrushers, 12
Brunvoll eide thrushers, 12
Ore now belog osed by ton Triplex net winch, Scania and Llater auxiliery engines, plus C-Tech, Wesmor and Place C-Tech, Wesmor and Veaaels.

her RSW system will be provided by the Norwegian firm of Kynerner Brugs Kjleovdeling A/S, which was represented on the Karmoy stond of Catch '77.

Kyaerner hos supplies

Kvaerner hos supplied a number of Scottish pursers Her deep lines and long, with RSW systems, including the sweeps and deep, slightly reking stem are the Paterheod vessel Pothway backstrops. which wes equipped earlier

An order was placed for e set of rollers to equip the 54ft. wooden boat Orion, now nearing completion at the Gerrard Brothers yard in Arbroath, Scotland, for Skipper and to meka the vessel particularly the suitebla for fishing in the under Skipper Alex Buchon and is shortly to go to Karmoy for lengthening by some 20 ft. She is to be fitted with extra RSW tonks to give her

Above: model of Sosrborough Boet's 35ft, GRP, stort Manager



WHEWAY WATEON CONTLITO

genr, with Whewey du

Details were aveilable the stand of ell-welded the assomblies which do not with the need for vary

incchanical type componer and can be made up Wheway Watson's display of Dragalloy trawling gasr. skippers' requirements.

per ic de le and two-boat Introduced in accordance in the first of which was accessed and does not cause Wills Campbell of Elgin.

With an accordance in Introduced in accordance with the first Veesel (Safety Provisions) Rules 1975, the equipment is accessed and does not cause wills Campbell of Elgin.

In the event of a fire in Sultable for bottom and tlon.

With an overall length of either the engineroom or sepanated length between cabin, the alarm is expendiculars 21.7m, the 80 automatically sounded and lighte on the control penel in dicate the location of tha fire.

The alarm continues to depth dicate the fire has died and length of 3.40m.

Levout is traditional with down and the equipment is

In the event of a fire

Leyout is treditional, with down and the equipment is the deckhouse aft, and the re-set.

In the event of a cubic with cruiser stern, raked soft failure, a loud warning buzzer was stem and whale-back.

The fightness in the defective wire. GRP, is divided into Several units have already Capacities are: 3,500 cu. been installed in new and extended in the midships section is ting vessels in the UK.

1,900 cu. ft. in the Anglesey is a DoT certified section. Tracks bethe available of fire-fighting

In 1,900 cu. ft. in the Anglesey is a DoT certified serverd section. Tanks have a uppllar of fira-fighting pacity for 6,100 gallons of equipment.

Also en display was a complete ranga of BTM fira-fighting systems offered as an alternative to the bulky CO.

In 1,900 cu. ft. in the Anglesey is a DoT certified supplied in the pacety of fira-fighting systems offered as an alternative to the bulky CO.

In 1,900 cu. ft. in the Anglesey is a DoT certified supplied in the pacety of fira-fighting systems offered as an alternative to the bulky CO.

The BTM gas is non-toxic in the percentage used and allows anothers to enter

A Gardner auxillary engine allowe angineers to enter uld driva tha. Dowty machinery epaces immachinery, which would also be carried and the by George Thomson and Son.



ONE OF Norway's top-sarning purse seiners, Libas, is seen moorad in the Albert Dock for nspection during the Catch '77

Bullt se the Globe XIII et Sandefjord in 1850, the 180 ft. vassel was originally a whelecatcher but was leter con-

dergen under Skipper Peder apiln end mackerel figheries.

sines and is fitted with a rangs of Simred fishfinding equipment, including the new CD Soner Situation Display. This was simulated to show fishing

system used with the vessel's speed log, compete end soner to give a plan view of the entire

end appeal of the boot, plus the distance, bearing, depth and direction of a shoat of fish.

Simred introduced the CD about three years ego and Libes was fitted with a set about two years ago. She uses

it with her Simrad SU sonsr. Decce is egent in the Sritish isles for Simrad and a full range of Simrad fiehfinding sids was among the lerge display of alsotronic products on

the Decca sland. Libas had on board her purse seine which, since it was delivered in Jenusry 1976, has

Meds by Saganet o Norwey, it is designed for cetching caplin or sprets. Per Myrland from Segenet was et the show to demonstrate purs ssines and other fishing equip

United Kingdom represes tative for Segenet, Nerway's largest purse seine menufec turer, is Hugh Norman (Marine Sales) Ltd. This firm elso had e stand to displey a range of fishing gest.

Morep

DEEPSEA and Inshore boat owners were aearching for new types of mid-water trawls at the show.

The Norwegian net-making consortium of Norsenet Ltd., represented in the UK by Morap Ltd., hea taken s look et today's fishing aituation end developed a range of nets designed to catch under-used species.

Deepsea trawler owners on Humberside are showing particular interest in single-boet, semi-pelsgic nets which, by changing the bags, can be used for blue whiting, mackerel or white fish.

A Norsenet trewl designed for vessels of 1,500 hp has wing and forenet meshes measuring 1,000 mm, and has 530 meshes around its fishing

It is a high-opening net made of nylon and the forenet made up from 210/192

Three bags, one inside the other, ero fitted for catching Turn to page 14

# Simmade somenes since the best



also invaluable in discriminating between hard and soft bottom and detecting obstacles. More skippers than ever are finding that

Simrad sonars help bring in regular top catches. Automatic search programmes, excellent discrimination and simple operation, coupled with high ralisbility, have earned Simrad a worldwids repulstion as isaders in the Sonar field.

Two examples of Simrad sonars' detecting capability - in this case mackerel - seen on a SK-3 sonar.

### Choose from:

	SL	8K-3	8Q :	SQ-4	8Q-D	8T	No.
	5° up la 90° down	5° up to	5° up to	5° up to 90° down	5° down	5° up to 90° down	
Maximum Ranga		1500 m		2500 m	2800 m		3500 m
Frequency	49 KHz	29 kHz	27 kHz	27 kHz	24 kHz	Z Knz	The state of the s

Simrad agnare are used in all types of fishing:

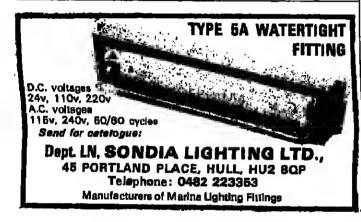
Chris Andre regularly brings in top catches of mackerel, using an SK-8, as do Chellenge, Spesmagna, Stephens, Flowing Tide has contacted plichsrda at a range of 2500 matrea with an SB-2. Burton Constable, Burton Agnes, Conduct and Lindistame have had an excellent

eprat season uaing the SL. Wardley is unique in Britain in ueing aonar for gill net fishing around wrecks for cod, and hae been very auccaseful with the SL. Green Velley is successfully pair flahing with Athabaska, using an 8K-3 to find the edge of gravel patches.

SIMRAD

Decon Ruder Limited.

An order for Wagner Selow: Karmoy's display included a fich pump iterative



sea and demand the bast.



blue whiting, while two bags are used for mackerel. There were numerous enquiries during the show from inshore fisherman elong the north-aast coast of England, and from Irelend, for pair end eingle host mackerel end

supplier of purse seines, and

just over £1 m.

now etern trawling.

package was too small.

Kystvagen yard.

Ballast

The eventuel outcome is the 85ft. Qyliner from the

As e result of experience, it

PROBLEM DEWS

An order for a single hoat stout construction for mackerel fishing and the mackerel trawi for a 90ft. Plymouth vassel hed been placed just hefore the show. twine used for its hog ranges from 210/72 down to 210/36.

on the second day of the show Right: Trinity Senda Nata' en order wes confirmed for director. John Bulmer, with his femous shooting, fishing end advartising bitches Sonny and Soady --- both sporting Fishing It is to go to the 148ft. Sette News balloons and 50-mile Mari, which Skipper Jemes stlekers. An unnemed Whitby Slator of Rosehearty, neer man pleced an order at Cetch Frasarhurgh, hought '77 for the pick of the litter secondhand from Sweden from the next delivery of pupearlier this yeer at a cost of plea. This wes possibly the most unusuel order during the The net, meesuring 300 hy entire showl



# minor changes, ail three are AllTalla

seems the "3F project" then decided to follow two seperate progremme (SIMFISH) was the hook on to a slide conused for technice i and veyor leading directly to the economic eveluetion, end it hold. paths of development. One was for inshore vessels (25-65ft.) where it was decided appears to he undergoing The most tedious pert comformance was confined
further development. tha mechenical haiting further development.

should be done on shore and the equipment for this is now The other path wes developing medium-siza (65-115ft.) purpose-huilt vesseis. It hegan with a 86-footer with a 15,000 hook capecity Aslesund harhour. hut ran into size problems.

Her design follows a Partiy this was hecause of the horizontel division of hooks as they passed en in tage for automated me engineroom / fish hold / spection gen between the over treditione but ncreasingly stringent stahiiity requiremente end pertly hecause, after discussions refrigerated hait store below separator machine and this cen possed the waterline; shelterdeck magazine ruck. His job is to further increased with fishermen, the proposed above the weterline; all spot bont, broken and mis-purpose-built vessel a toppad by a mid-position aligned hooks and unduly afforded (Oyliner is at vessel was too big for inchore fishing but not hig enough for aluminium wheelhouse twisted amods. deepsee fishing.
The idea of e combination quirements, rether then weight).

Most of the misning of however, level deal with blands was elle to deal was elle to deal with blands was elle to deal was elle to deal with blands was elle to deal was elle to deal with blands was elle to deal was elle to de purse sainer/longliner was toyed with hut, again, the

### Magazines

Most of the sheltardeck space ie occupied hy tho three hook magazinea, each holding inetitute of Fisheries 8,000 hooks. In the spece rachnology Research has between the megazines end heen handling the "3F protect" and Tore Jøgensen, of reils on which era mounted the Vessel Design Division, the eutometic holting ayatem not only works hut—

the eutometic holting ayatem not only works hut—

has been on trials show here involved with the sixth two sixth the sixth trials are the second trials show here involved with the sixth two sixth the sixth trials are the second trials show here involved with the sixth two sixth the sixth trials are the second trials show t hae heen invoived with machine and the twiat romovyliner with contributione ing end hook seperating work very offectively. This rom Joatein Aure of machine.

The line is shot through n Uran family ond the Kyat-port in the transom stern ond the automatic baiting Norwegians ara very con- machine (fed with frozen erned with stability and sould or mackerel) operatos neavy emphoeis on the of the same rate as tha line is at the same rate as the line is proached by Mustod, the bean rather slow. It is a proached by Mustod, the bean rather slow. It is can be speeded to much and was a little soft wall over 100 posium. iittie soft, wall over 90 per cent of hooke were haited.

Speeds of four hooks a second, at up to 12 knots, are cleimed.

The ateel shelterdeck raisdetability problems and the The line, when recovered. ship had to have increased comes in through a port on haam (24ft. 8in.) to overcome the atarhoard aide at the thia. The scientists, it seems, forward and of the working want to follow the merchant vesael prectica of water

A conventional longline power hauler is used, pulling the lina through rollers which knock tha fish off the hook ballast in ships of thie size hut tha fisherman won the day end, at their insistence, fixed hallast (installed after the inclining tests) featured in the final design.

final design.

There is, however, a roll reduction tank, using the free surface effect of water, fitted after tank teete. It was emphasised that this should not he called a "stability tank" and it eeems the skipper (although, in this case, positive about its effect) hae to know what he is doing or it oac turn into a roll increase tank, with imaginably disastrous results.

In the initial design etages a computer simulation dogfish) can be knocked off.

cod fishing with an sea 24 kg. of fish per 1001 This geve e 36 tames

further development.

The outcome of eli this is hooks go linck on to the still a feirly conventions i magezinc. This, on the vessel, Førde, without design of vessel and, epert denimistration, colled for a of 12,000 hooks and to the still and the still a from the new point, Oyliner four-man team on what is 11, has everage 16,000 did not stend out as in eny plainty a tiring joh requiring a day doglishing for the way unusual when moored both speed and concentra- 100 hooks and an &: elongside other longliners in tion. Because of this, the teom catch from an 11-day's frequently changed pleces.

The first mun watched the evidence to show an E to have cost si

to deal with himself, passing petitive the system at on the other work to his with other forms disconlined to the system at the coileagues whn hnd to swiftly and deftly straighten hooks or **Drum** roplace thom and tie on new

The White Fish Aut ia at present developu While a run on a celm find own compact system is not un identidence that the system is not un identidence to see the system in all or boots which is not un identified to see the system is a system. with the right crew — can Lowestoft boat Alexander and her catch retained and her catch retained and her catch retained to the catch what confirmed by n film on a per with other which Mustad showed of a fishing the same area. Norweglan vossol entching dign to the WFA The heiting is self large quantities of dogfish in the North Sen.

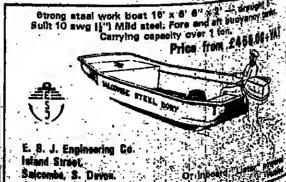
Of sovernl cuse histories is that the haulist proacnted hy Mustod, the bean rather slow line proacnted hy Mustod, the

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### FISHERMEN are be-Watch out ing askad to look out for 'red-tide', coloured patches of watar well offshore which are part of a food chain that can cause paralysis in peopla eatiog shelifish. Reports of sightings, paricularly off the north east that can cause paralysis in peopla eating shellfish. ticularly off the north esst Coast, are sought by the MAFF Fisheries laboretory at Burnham-on-Crouch, Essex, which is investigating shellfish toxicity. The Ishoratory monitors The ishoratory monitors the foxin in mussels from the

breaks of the parelysis, known as Paraiytic Shellfish Polsoning (PSP).

Poisoning (PSP).

But it acknowledges that wide co-operation from fishermen, eea fieheries sny risks to public heeith. If committees and others is esential to understand more fishery is closed. shout the factors involved.

north-east to prevent out-

PSP is rare in Britain — is very small, it is important only ten outhreaks, involving 146 people, have been record-ed in the last 150 years. However, cases heve heen reported in many parte of the world end documentary Colour evidence suggests that PSP as recorded at intervals for at variety of 'clouds' of the pient

It was detected on the which is an important food north-east coest in 1968 and source for many marine since that time the Burnhemon-Crouch Isheretory has carried out annual aurveys etween Bridlington and

This is normally done by end occesioneily brightly taking samples of mussels at coloured. Under fevourable weekly latervals from cosstal conditions of sunlight,

last weak Andrew Wrslih, one of Grimaby's

but also Grimsby's trawling industry. For he was a man

Personifying the new hraad

of near water ekippers in Grimsby, Andy Wraith was an example of what can ha

achieved hy selflese dedica-

endowed with rare talent.

produce a visible scum on the

brown, green or veilow. this standard is exceeded the depending on the organism responsible. When these Sample Although the fishery et risk coloured blooms colour the weter red they produce the

to the entire fish industry that public confidence in the wholesomenees of fish and In some parts of the world, rarely in Europe, 'red-tide' may result in fish kllis, but often it exhibits no undesirehie effects other then to shellfish is not diminishing.

weter or heaches. Some of the ceusative dinoflageiletes, however, produce e very potent eurotoxin and they may he filtered out hy hivelve They consist primarily of dietoms and dinoflageiletes moiluscs, such as musseis and

escaliops, which in turn conwhich are small single-cell organisms, often very ornate centrate the toxin. Marine cold-hiooded animals ere unsffected by the toxin so that the shellfish

these single cells may divide show no visible signs of toxiciand reproduce very rapidly. ty. But in warm-hiooded Although individual cells enimsls, including man, are invisible to the naked eye, which eat the shellfish the enormous numbers of them toxin hiocks the links mey colour the water, blue, between nerves and muscles

Crews of fishing vessels off the north-east coast who see a patch of discoloured water which could he 'red tide' are ssked to nots its position, colour and size and if possible take a water sample from it. They should inform their iocal MAFF Fisheries Office es soon as poseible Fisheries Lahoretory, Burnham-on-Crouch, Essex, (Tel: Maldon 0621 782658). Any postage or incidental expensos incurred will be refunded.

The information obtained in this way can help to solve e complex puzzle, the

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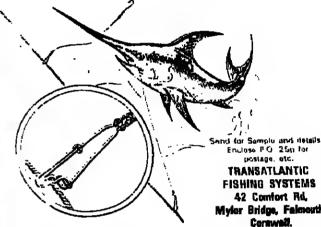
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AS BRIEFLY raported owners, but it was not until he last weak Andrew Wrsith, one of Grimaby's in 1967, as e third hend, that most eaterprising trawler skippers, died after a to realize his ambition and tregic and euddan illnese on July 2. rise to the top of his profeesion in the North Sea. Struck down in his prime st the age of 38, hie passing saddened not only his immediete family and relatione but also Grimshu's transition. Saxon Venture — ae mate. This broadaned his horizons , and ha hecama one of tha port's most promising North Sea prime fish trawler of-

waa followed in 1972 by the Skipper Andy Wraith -- 'a rara Like most successful mands and, such was his impact, that Lindsey gave him strawling career at the very bottom of the ladder as a galley hoy etraight from and successful. He was an ambilition deckhand with eeveral last time.

This quiet family man—
School.
This quiet family man—
This quiet family

this, daspite the onset of IIlness, baa made Tom Grant
the top company vessei.
There is little doubt that
Andy Wraith oould hava
metured and developed to
rank among the greats of
Grimeby's North Sea
skinners:

"His death ie a tragsdy to
us all for he was a young
skipper who was certainly going places.

"He will he sadly missed
hy Lindsey Trawlers Ltd., its
crews and management and,
especially. hy my father skippers. especially, hy my father Paying a final tribute for Edwin Bacon and myseif."
Lindsey Trawiers Ltd., Ross

Fish firm growing

THE BERWICKSHIREbased fish processing firm of Homae Ltd. is An application for planplanning to expand.
The firm which already has factories at Duns and Berwick, is planning to ppen a been approved by the new fish processing factory at Dunber.
A spokesman for the firm cli-

FISHING NEWS

LOWESTOFT

£21,130: Ben Bhrackie, Irvin (Sk. G. Baxter), 855 k, NC, 22 deys. £20,189: Ben Heilem, Irvin (Sk. R.

£14,321: Boston Sea Ranger, Boston (Sk. I. Lece), 484k, NS, 11 days.

(Sk. H. Baxter), 421k, NS, 12 days.

(Sk. P. Mean), 370k, NS, 10 days. g10,480: St. David's, Colne (Sk. J.

£9,531: Persevere, AF (Sk. P. Johnstons), 26,924kg, NS, 7 deys.

£8,175: Bishop Burton, Newington (Sk. T. Fairley), 19,480kg, NS, 4

Herper), 350k, NS, 12 deys.

NORTH SHIELDS

# Catches and Prices

### TOP LANDINGS LAST WEEK

### GRIMSBY

Distant water £49,730: Vivaria, BUT (Sk. R. Kurz), 1,782k, BI, 24 deys. £39,469: Northern Reward, BUT (Sk. W. Harrls), 1,345k, BI, 28

£39,128: Barnsley, Consol (Sk. J. Hodson), 1,214k, WS, 25 days. £37,844: Rose Rodney, BUT (Sk. G. Carsbarg), 1,153k, BI, 22 days. £34,385: Ross Kipling, BUT (Sk. W. Ferrend), 1,203k, BI, 24 days. 223,173: Aldarshot, Consol (Sk. A.

Cell), 1,091k, WS, 24 days. £22,154: Belgaum, Boston (Sk. J. Stevens), 703k, BI, 28 days.

£37,445: Ross Leopard, BUT (Sk. J. Brown), 1,288k, W, 15 days. £28,001: Yesso, Taylor (Sk. P. Brown), 885k, F, 18 deys. £25,518: Real Madrid, Consol (Sk. E. Cotton), 698k, F/W, 16 deys. £21,429: Ross Civet, BUT (Sk. A. Badanth), \$13k, F, 18 days. Radpeth), 813k, F. 18 days. £19,165: Osako, Taylor (Sk. P. Newby), 684k, F/W, 17 days.

North Sea £4,828: Tom Grant, Lindsey (Sk. R. Sinclair), 170k, NS, 13 days. £2,190: Lepanto, Lindssy (Sk. T. Oxton), 73k, NS, 9 days.

£10,832: Saxon King, Sleight (Sk. B. Emerson), 314k, NS, 14 days. £10,736: Bekimael, Consolideted (Sk. A. Bojen), 309k, NS, 15 days. £8,702: Arcono Chompion, Chapman (Sk. K. Lersen), 233k, NS, 13 days.

£8,516: Beverley, Allard Hewson (Sk. J. Stringer), 293k, NS, 15 deys.

£8,409: Gladnes, Jubilee (Sk. J. Ole-66n), 245k, NS, 17 deys. £8,140: Lochearn, Sleight (Sk. A. Ven Zemduliet), 255k, NS, 17 days. £8,019: Bellona, Consolidated (Sk. A. Thinneson), 257k, NIS, 15 deeps. A. Thinnesen), 257k, NS, 15 days. £7,883: Coral-Bank, Sleight (Sk. D. McKenny), 257k NS, 14 days. £7,572: Scanboy, Sleight (Sk. P. Collins), 205k, NS, 13 days. £7,520: Iysha, Richardson (Sk. J. Cerson), 239k, NS, 14 days.

£7,409: Linda Lise, Richardson (Sk. C. Olesen), 259k, NS, 17 days.

T.

£19,830: Carl Borum (Sk. G. Riley), £17,314: Jacqueline Borum (Sk. J. Bailey), 83k, 11 days.
Borum), 526k, both Denbrit, NS, 14 £2,275: Granton Merlin, 79k, 13

ON TUESDAY 183 tone wara

£20,189: Ben Heilem, Irvin (Sk. R. E16,750: Margrethe Bojen (Sk. Jens Bojen), 481k, snd £15,442: Frances Bojen (Sk. J. (Sk. R. Piris), 868 k, 16 deys. Richardson), 434k, both John R., £19,098; Pindarus, BUT (Sk. J. NS, 11 days. Glesgow), 858 k, S, 15 deys. £11,742: Ann Charlotte (Sk. R. £15,839: Grampian Chieftain, Collins), 328k, and North Star (Sk. R. Leiper), 851 k, £9,129: Laurids Skomager (Sk. J. W., 12 deys. McColl), 255k, both John R., NS, £14,151: Glen Moriston, Marr (Sk. 13 deys. £6,181: Melissa Louise (Sk. M. Lowestoff £15,442: Frances Bojen (Sk. J. Richardson), 434k, both John R.,

£11,742: Ann Charlotte (Sk. R.

13 deys. 26,181: Melissa Louise (Sk. M. Clark), 240k, end 25,748: Ellen (Sk. A. Thinnesen), 235k, both Richardson, NS. 17

£11,700: St. Rose, Colne (Sk. S. Jonss), 413k, NS, 13 deys. £11,314: Suffolk Venturer, Smell £6,542: Kathleen (Sk. J. Hill), 199k. Richardson, and £10,822: Bentley Queen, Talismen (Sk. A. Gill), 383k, NS, 12 deys. £10,785: Boston Sea King, Boston £4,911: Taarnborg (Sk. T. Scorer), 141k, Danbrit, both NS, 18 deys.

£42,550: Ross Sirius, BUT (Sk. D. Whiting), 1,372k, BI, 24 deys. £39,550: Arctic Cavalier, Boyd (Sk. E39,550: Arctic Cabatter, Boyd (Sk. C. Welker), 1,217k, BI, 25 deys. £35,821: Ross Leonis, BUT (Sk. D. Peterson), 1,105k, BI, 25 deys. £34,977: Westella, Marr (Sk. R. Beemish), 1,288k, BI, 23 deys. £30,818: St. Dominic, He mling (Sk. L. D. Nelson), 220k, BI, 22 deys.

£5,223; Girl Margaret, AF (Sk. D. Stewert), 11,790kg, NS, 3 days. £5,017; Invader, AF (Sk. I. Lee), J.R. Nelson), 939k, BI, 22 devs. Sainers 25,406: Falkenborg, Boston (Sk. O. Pederesn), 232k, 16 deys. 25,828: Christiansborg, Boston (Sk. E.S. Dam), 227k, 12 days. 9,826kg, NS, 4 days. £4,028; Supreme, AF, 9,153kg, NS,

£5,783; Guldborg, Boston (Sk. H. Kristensen), 208k, 20 daye. £3,444: Rosenborg, Boston (Sk. G. Jonessen), 138k, 19 deye. FLEETWOOD!

£37,252: Boston Blenheim, Boston (Sk. R. Rewcliffs), 1,259k, 27 deys. £21,600: Fyldeo, Merr (Sk. D.

2 deys.
£3,589: Burton Lonsdale,
Newington (Sk. J. Lote), 8,200kg,
NS, 3 days.

GRANTON
£25,012: Arctic Brigand, Lieton (Sk. A. Wood), 1,075c, NS, 15 deys.
£18,059: Arctic Invoder, Lieton (Sk. J. Robb), 787c, NS, 12 deys.
£14,437: Arctic Explorer, Liston (Sk. J. Banyerd), 715c, WC, 13 deys.

MILFORD HAVEN
£4,737: Georgina Wilson, Jones (Sk. T. Smith), 150k, 13 days.
£3,352: Westerdole, (Sk. J. Donoven), 99k, 13 deys.
£3,274: Brenda Wilson, Jones (Sk. R. Evans), 143k, 12 days.
£3,274: Brenda Wilson, Jones (Sk. R. Evans), 143k, 12 days.
£3,274: Brenda Wilson, Jones (Sk. R. Evans), 143k, 12 days.
£1,10,12,10,12,11

MONDAY, JULY II
NEWI.YN
Prices: large whiting, £2.20; modium, £2.20; medium and small, £1.40; large meckerol, £1.16; large-modium, 70p; small, medium, 60p; small, £2.30/£2.10; haided, £2.30/£3.0; plaics, £1.30/£2.30; splaics, £1.30/£2.30; plaics, £1.30/£2.30; plaics, £1.30/£2.30; plaics, £1.30/£2.30; plaics, £1.30/£2.30; plaics, £1.30/£2.30; seithe, £1.30/£2.30; seithe, £1.30/£2.30; soinelium, £2.760; modium, £5; lerge obrill, £7.80; modium, £6; lerge obrill, £7.80 Evans), 753k, 15 days. £21,533: Jacinto, Msrr (Sk. G. Wignell), 885k, 15 deys. £18,191: Irvana, Merr (Sk. V. Dingle), 610k, 15 deys. £17,724: Wyre Vanguard, Wyre (Sk.

R. Slapp), 651k, 15 deys. 25,130: Rosamonda, Ward (Sk. K. ven), 99k, 13 deys. 23,274: Brenda Wilson, Jones (Sk. 23,274: Brenda Wilson, Jones (Sk. R. Evans), 143k, 12 days.
23,247: Picton Sealion, Norrerd
J. (Sk. T. Selter), 118k, 12 deys.
KEY: BI Baer lelend; BS Berente See; DW
distent water; F Feroe Islands; G
Greanlend: HW home water; I I celand; IS
lish See; NC Norwey Coast; NFL Newfoundiand; NS North See; R Hockell; S
Shatlend; W Westerliae; WC West Coast; WS White See: Sk Skipper; k kits: o owt; kg kilo.

1. (Sk. T. Selter), 118k, 12 deys.
KEY: BI Baer lelend; BS Berente See; DW
distent water: F Feroe Islands; G
Greanlend: HW home water: I I celand; IS
1. (Sk. T. Selter), 118k, 12 deys.
Covor ago 233.75); hulk, 21.80/22.80; colling, 18.0/22.80; colling, 18.0/23.30; whiting, 19.0/22.80; colling, 18.0/23.30; whiting, 19.0/22.80; colling, 18.0/22.80; colling, 18.0/23.30; whiting, 19.0/22.80; colling, 18.0/22.80; colling, 18.0/22.80; colling, 18.0/22.80; colling, 18.0/24.80; per stone.

1. (Sk. T. Selter), 118k, 12 deys.
KEY: BI Baer lelend; BS Berente See; DW
distent water: F Feroe Islands; G
Greanlend: HW home water: I I celand; IS
1. (Sk. T. Selter), 118k, 12 deys.
Covor ago 233.75); hulk, 21.80/22.80; colling, 18.0/22.80; colling, 18.0/22.80; colling, 18.0/22.80; colling, 18.0/22.80; plaice, 18.0/24.80; per stone.

1. (Sk. T. Selter), 118k, 12 deys.
Covor ago 233.75); hulk, 21.80/22.80; colling, 18.0/22.80; colling, 18.0/22.80; colling, 18.0/22.80; colling, 18.0/22.80; colling, 18.0/22.80; plaice, 18.0/24.80; per stone.

1. (Sk. T. Selter), 118k, 12 deys.
Covor ago 233.75); hulk, 21.80/22.80; colling, 18.0/22.80; colling, £3,315: Replenish, Word (Sk. M. Oldman), 128k, 15 deye. £2,750: Girl Doris, Ward (Sk. J. Delroy), 70k, 15 days. £2,574: Resolute, Ward (Sk. W.

Beevers), 202k, 14 deys.

Ansell), 119k, 15 deys. £2,872: Resilience, Ward (Sk.

ON TUESDAY 133 tone wars delivered. Average selling prices on merchents' stalle: selmon English, \$21.60/\$\(\frac{2}{2}.40\); Scotch, \$1.60/\$\(\frac{2}{2}.40\); Scotch, \$1.60/\$\(\frac{2}{2}.40\); Irleh, \$21.60/\$\(\frac{2}{2}.40\); Scotch, \$21.0/\$\(\frac{2}{2}.40\); Irleh, \$21.60/\$\(\frac{2}{2}.40\); Scotch, \$21.20/\$\(\frac{2}{2}.40\); Scotch, \$21.20/\$\(\frac{2}{2}.40\); Soles, tonguas, small, \$23.40/\$\(\frac{2}{2}.30\); selected \$24/\$\(\frac{2}{2}.60\); medlum, \$90p/\$\(\frac{2}{2}.70\); larga \$23.50/\$\(\frac{2}{2}.40\); soles, tonguas, small, \$23.40/\$\(\frac{2}{2}.30\); selected kippers, \$24/\$\(\frac{2}{2}.20\); selected kippers, \$24/\$\(\frac{2}{2}.20\); selected kippers, \$24/\$\(\frac{2}{2}.20\); selected soles foreign smoked selmon, \$23\$; per cod, \$25.30/\$\(\frac{2}{2}.60\); fillats, shelf cod, \$27.70/\$\(\frac{2}{2}.50\); medlum, \$27/\$\(\frac{2}{2}.90\); amell, \$23.60/\$\(\frac{2}{2}.40\); smell, \$23.60/\$\(\frac{2}{2}.40\); smell, \$23.60/\$\(\frac{2}{2}.40\); smell, \$23.60/\$\(\frac{2}{2}.40\); smell, \$23.60/\$\(\frac{2}{2}.40\); smell, \$23.60/\$\(\frac{2}{2}.40\); smell, \$23.00/\$\(\frac{2}{2}.40\); smell, \$23.00/\$\(\frac{2

over 31b., 30p/40p; under 31b., 20p/25p; emell, uncortad,

23 boats not a good demand. Prices: ahelf cod, 23.30/24.20; winklas, 11sh 213; per cut; whelks, 24; per bushel; shrimps brown, 21.50; pink, 30p/21.50; English cocklas, 21.30/22; per gallon.

FROZEN FISH

ATLANTIC NA salmon, 21.75; Japanesa, 21.10; Cenadian bellbut, 21.30; ecampi, 21.15/22.85; anappers, 25p; hun sasm, 48p; barbouni, 62p; wong far, 43p, per lb; fillets, pleice, 29.10; cod, 27.70; baddeck 23; aquid, 24.48/25.30; kippara, 23/24; per stone.

23 boats not a good demand. Prices: ahelf cod, 23.30/24.20; codling, 22.30/23.40; shelf heddock, 42.30/24.50; medlum, 22.70/23.50; smell, £1.30/22.50; lerge pleics, 24/24.40; medium, 23.70/24.40; best smell, 23/24; best smell, 23/24; per stone.

24.20/24.40; best smell, 23/24; lerge ekinned dogfish, 21.30/21.70; saithe, 21.80/22.10; lemon sole, 25/28; per stone.

MILFORD HAVEN
311 kits from two boats. Prices: large cod, 232; madium 231; codling, 630; large haddock, 236; lerge plaloe, 243; medium, 24.75; large cod, 232; medium 231; codling, 630; large haddock, 236; lerge plaloe, 243; medium, 24.75; large cod, 232, medium, 24.75; large pleics, 24/24.40; medium, 23.70/24.40; best smell, 23/24; lerge ekinned dogfish, 21.30/21.70; saithe, 21.80/21.90; redfish, 21.30/21.70; saithe, 21.80/22.10; lemon sole, 25/28; per stone.

### HERRING REPORT

TUESDAY, JULY 12

Kelly, Ross Leopard, Ross Tiger, Ayr. 16 trewlers, 88 tonnes, A homemarket at 255.20/282.20. homemarket at 255.20/282.20. homemarket at 255.20/282.20. homemarket at 256.20/282.20. homemarket at 256.20/282.20. homemarket at 256.20/282.20. homemarket at 256.20/282.20. homemarket at 256.60/263.80. Eribol, Lord St. Vincent, Ross Rull and filling. Hand-selected Altair, Ross Canaparal. 180/210 and 260/300 per 50kg.

WEDNESDAY, JULY 18

PORT MARKETS

July 15, 1877

LOWESTOPT
1,403 kits from three ben
Prices: large cod, 280/20; has
plaica, 231/236; methas
233/230; small, 126.50/20; has
233/230; small, 126.50/20; has
codling, 224/236; large habbed
128/236; small, 116/122; hap
turbot, 2140/1141; small
260/1265; whiting, 212/128; has
sole, 243/1266; rober, 124/2;
small, 232; debe, 224; mental
260: dogfish, 222/125; catal
213/220; per lost, kit.

£18/£20; per 10et. kit.

THURSDAY, JULY 7.
EYEMOUTH
Pricos: lorge codling, £23;
medium, £22.50; smnII,
£17.50/£20; hest smnII,
£17.50/£20; hest smnII,
£19.50/£20; smsII, £19.60/£12;
medium whiting, £14; smsII,
£11/£14.70; lemon sole, £24/£32;
per 7st kit; lobster, £1.60; per 1b.

E1/£27; whiling, £8/£22; smsl, £10.61/£10; sole, £120/£160; orld, £00.61/£12;
Incidium whiting, £14; smsII,
£11/£14.70; lemon sole, £24/£32;
per 7st kit; lobster, £1.60; per 1b.

E2/£27; whiling, £8/£22; smsl, £10.61/£10; sole, £10.61/£10; so

FRIDAY, JULY 8 DUBLIN

1,021 hoxes from Killybogs, Groencestle, Howth end Dun Leoghaira met a gued domend. Prices: griles, £1.20/£1.25; lobster, £1.40/£1.80; prown, lobster, £1.40/£1.80; prown, £18/£20; per 10st. hit. 16 p/£35 p; pra w n tolls, 62 p/£1.30; black sola, £1.10/£1.20; slipe, 40p; brlll, 13p/25p; turhot, 16p;90p; dels, 5p/0p; cod, 17p/26p; lorge plaica, 24 p/27p; madlun, 13p/23p; smell, 6p/10p; whiting, 10p/13p; lemon sola, 12p/15p; heddock, 14p; per 1b; round whiting, £7/£14; roy, £3/£14; mackeral, £5/£6; herring, £8; per box. ARBROATH 18 bosts. Prices: medium ki dock, £14/£15; salected, £10/£1; salected, £10/£10; salected, £10/£10;

350 boxes from 11 bosts. Mar skete, 28; haddock, tijgs. whiting, 25.60/213; per boxes ing, £1.80/22.40; plain £2.10/24.25; lemoo the BRIXHAM

Prices: largs platea, £2.90/£3; medium, £2.90/£3; good small, £2.50/£2.80; chats, £1.70; lerge pouting, 60p; amall, 40p/50p; turbot, £11.70/£12; large whiting, £2.50; emall, 60p; lerge and medium lamen sols, £5.80; small, £4.50; large Dover solc, £19; nadium, £18.50/£13; slips, £10.80/£11.50; tangues £9; brill, £5.80; squid, £4.70; lnrge conger, £1.20; medium, 70p/30p; smoll, 40p/50p; emall gurnnrd, £1; large roker wings, £4.80/£5; medium, £1.60; small, 80p; trewl mackarel, LERWICK BRIXHAM

£1.20; per stone.

MONDAY, JULY II

small, 80p; trewl mackarel, 70p/80p; small John Dory, 480 hoxes from 11 host his haddock, £1.30/£2.70; add whiting, £1/£2.10; his £1/£1.20; mookfah, £1.50/th plaica, £1.30/£1.60; fq

A good supply of 7,410 kits from 23 boats mot a good damand. £10.20/£25.50. per box.

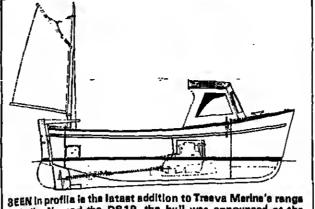
NORTH SHIELDS
Prices: cod, \$24/\$25 bots, it
medium codling, \$23/\$25, medium codling, \$23/\$25, medium codling, \$23/\$25, medium codling, \$24/\$25; selected small liste \$24/\$25; selected sma

RETAIL PRICES

AVERAGE national rate on Wednesday, and last eupplied by the National rate tion of Fishmongers, in the fillet, 88p. down 1p to 19 MILFORD HAVEN

311 kits from two boats. Prices:
large cod, 232; madium 231; codling, e30; large haddeck, 235; olerge plaloe, 243; medium, £47; small, £22/£22.50; turbot, £143; twhitling, £18.40/£15; medium, lemon sole, £50; Dover sols, £134; elips, £118; tongues, £96; letge ray, £24.50/£27; medium, £23; smell, £13.20/£20.50; hrill, £54; dogfish, £6; per 8st. kit.

July 15, 1977



of hulls. Named the D819, the hull was ennounced at the Humberside Catch 77 fishing adultation last month. It has been seigned by Denie Swire and has an overall length of 19ft. 6in.; besm, 7ft.; mouldad depth, 3ft. 11in.; and draft aft, 2ft. 3in. Price of the besic hull with frames is sat at £1,285 and the first boat is due in the weter next spring.

# Cooled hold on new hullad seiner-trawlar Rhodella has bean bullt by Jonas Buckla Sllp and Shlpyard Ltd. es e

raplecement for an 11-

Skipper Erlc Smith of Buokia ordered the transom-sterned vessel which has been designed by G. L. Wetson and Co. and Is powered by a 500 hp Kelvin engine.

Defing fitted with a penroom refrigeration plant from better, he commanted.

Their coats are now aven better, he commanted.

Rhodella ahould be ready for eea later thle month.

Wheelhouse equipment about the new Rhodello in includes Elac echo sounder and hulled eainer-trawler for Mr.

Their coats are now aven better, he commanted.

Rhodella ahould be ready wooden and steel vessels.

All three boatyarde in finalised for a 75ft. wooden haw orders. Jones has laid the hulled eainer-trawler for Mr. hp Kelvin engine. Gear handling machinery includes e Sutherlend seine

The Ardmaleish yard is to build a sleter-ship to this boat on spac this sutumn

YARDS IN Davon and Scotland are co-operating to produce a standard 36ft, long steal fishing vassal. The first is to be built on spec in Scotland this

Selcombe, Devon, end the a 36ft vessel now known es Ardmalelsh Boatbullding Co. the Western Isles 36. on the laie of Bute, Scotland, The prototype, built et

B.U.T. Engineers (Grimsby) Ltd GRIMSBY'S TOP BOATS LAST WEEK:

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BIRMINGHAM NEW WHOLESALE FISH MARKET. 14, 27, 28, 29 FISH AND POULTRY MARKST, PERSHORS STREET, BIRMINGHAM SS SUH Manhone (021) 622 1827, 1821] 822 1828, (021) 622 1828, (621) 822 2288

ALL SHELLFISH

R. BLOOMFIELD (Billingsgate) LTD. 127-128 BILLINGSGATE MARKET ECS

E. S. J. Engineering of have designed and developed

The prototype, built et Selcombe, hee been flebing from a south coast port for about two yeers. Designed for potting, trawl-lng end scellop dredging, the Western Ielee 36 is a heavy-

duty vessel with an overell length of 36ft., beam of 12ft. and dreft, 4ft. She is of double-chins conetruction end the underweter

in. heavy wall, hollow section, eteel which contributes to stability end bandling.

Working space on deck tops 200 sq. ft. and the hull is sub-divided into three weter-

quiremente and the fuel tank bas a capecity of 300 gallone.

give all-round visibility.

The Ardmelelsh yerd oc-cuples the premises of tha former Bute Slip Dook Co-which went into liquidation ebout two years ago. Regional re-organisation bas brought the yard into the area covered by the Highlends and Islands Development Board.

New winches have been fitted end the slipways overhauled with HIDB eselstance; the yard has been busy with overheul work on boats up to 65ft long. Eventually; the yard will be eble to slip vessels up to 90ft.

raplecement for an 11year-old boat of the
same name from the
vard.

and trawl winch, plus Lossie femily had an association Kalvin Hughes echo soundar.

Hydraulics seine rope raels with the Jones yard going Whalebacke and wheelhouses will be of being fitted with a fiehroom 'Their boats are now aven aluminium alloy.

ing to the future with con- sieter-ships for skippers J. Aitken of Buckis and I.

'He is convinced that there McDonald of Stonehaven. Commander Young went auperstructure and engine

on to talk about the previous forward.

Rhodello: When this bost Each is

spotless — a cleen, happy end for each boet includes a Januery 28). efficient ship. Eric Smith will Sutherland trawl winch, Under co

Tenfjord eteering gear. Her kaal of a 74st. eeiner-trawler A. McPherson and partners whelebeck, gutting shelter for Skipper Robert Patient of Hopeman. Sha will be and masts ara of aluminium. Buckie. She is also of G. L. powered by a Kelvin engine.

Speeking at a reception Watson design and will be after the launch, yard director, eimilar to Rhodello.

Commender Robert Young, eaid thet in having e new boat built Skipper Smith is look-built Skip burgh. Sha, too, will have a Kelvin propulelon engine.

Two steel vessels are now under construction. The are fish to be caught and thet, They ere to be fitted main-with en efficient boat and ly for pair trawling. Beam is crew, he will catch them, he to he 18ft. and they will be of Skipper John W. C. Thomson atern trewler layout, with the of Lossiemnuth who now liehes in the 77ft. wooden boat Horizon.

Rhodello: When this bost was on the elipway recently it was en education to see her, he said.

'She was absolutely Other equipment apacified year (saa Fiahing News, spotless—a cleen happy and to the said.

Under construction no doubt make a auccass of Lossie Hydraulice net drum, slongside Skipper Thomson's his naw vessel, which he e smell Patter battery boat is a 56ft, etern trawlar richly deserves'. chly deserves'. charging auxiliery engine, for Skipper Phimster and Skipper Smith seid that hie Tenfjord steering gear and partners of Buckie.



The keel is of Sin. x Sio. x Rhodelle anters the water at the Jones Buckle Shipyard.

# Prototype 37-footer

sub-divided into three weter-tight compartments.

Propuleion is by e 105 hp diesel driving a 26in. four-bladed propeller through a 3:1 reduction gearbox.

Geer handling machinery cen be fitted to customer requirements and the fuel tank

THE prototype of what has been designed as a standard south for the Scandinavian market is soon to be built by Cygnus Marine in Cornwall.

The 37ft. 3in. etern trawler 36ft. hull which has been attentione.

The meln deck has been raised to naarly the chear height of normal GM37 creft and netting boat will cost in renamed the GM37 as the height of normal GM37 creft and the region of £45,000 to hull has a moulded length of and this gives almost standing when the 3fft. Sin.; finished boats often and the gives almost standing when the 3fft. mark

equipped. She will have a beam of

top the 37ft. mark. Soandinavian fishermen

An unusuel feature for evessel of this size is that the design allows for fitting estimate maneuvrability in confined weters. The wheelhouse can be of eteel or GRP and will feature for evessel of the size is that the design allows for fitting estimated maneuvrability in confined weters. The wheelhouse can be of eteel or GRP and will have e beam of Soandinavian fishermen modation forward.

As tha crew will live on the comfortable accommodetion. Comfortable accommodetion boat all wask — usually the GRP whashhouse has a raturning home only at the Gary Mitchell-designed been extended for the Scantinavian fishermen modation forward.

As tha crew will live on the comfortable accommodetion. Comfortable accommodetion boat all wask — usually been extended for the Scantinavian fishermen modation forward.

As the crew will live on the comfortable accommodetion boat all wask — usually been extended for the Scantinavian fishermen modation forward.

As the crew will live on the comfortable accommodetion boat all wask — usually been extended for the Scantinavian fishermen modation forward.

As the crew will live on the comfortable accommodetion boat all wask — usually been extended for the Scantinavian fishermen modation forward.

As the crew will live on the comfortable accommodetion the comfortable accommodetion to the comfortable accommodetion.

The etern fisher men modation forward.

As the crew will live on the comfortable accommodetion the comfortable accommodetion to the comfortable accommodetion to the comfortable accommodetion.

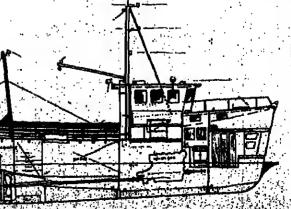
The etern fisher men modation forward.

As the crew will live on the comfortable accommodetion to the comfortable accommodetion.

The etern fisher men modation fisher men modation forward.

As the crew will live on the comfortable accommodetion to the comfortable accommodetion.

The etern fisher men modation fisher men modation forward.



Cygnus Maring's export 37-footer has a deep hold, luxury accommodation and 144 bhp on tap.

much more epecious ecoommodation forward.

with central hasting, toilet, comprehensive galley, hot and cold water, heeted Kent Clearview, demisters, etc. Almost one-quarter of the

boat's cost will be in the propulsion mechinery. She is to be powered by a 144 bhp Volvo MD100B diesel driving through a Servogear CP propeller in a fixed Kort noz-

A two-ton Spencer-Carter hydraulic trawl winch has been specified for the boat which will be trawling for bottom fish, and working in mackerel. The hull is due to be moulded in two months.

## HUMBER VESSELS DUE

Expected during the week from White Sea and Beer Island; Huddereffeld Town, Notts Forest, Ross Renown, Ross Reneway, From Farce and Westerly; Boston Halland, Hondo, Nanco, Ross Genes, Ross

Ayr. 15 trewlers, 31 tonnes, homemarket at 253.80/262.40.

Full end filling Hand-selected. Priose: English shalf ood, date; 369, down 250/290 per 50 kg. 213/2421 pleice, 222/255; had plate; 389f.66.

Torbert: 10 trawlers; 10 tonnes, dock, 215/242; pleice, 222/255; had plate; 389f.66.

Inomemarket at 280.60/265. Full 224/25; ling, 227/223; hake, from most of the pure of the pu

Osily Consignments Required

DAILY Sale Accounts Phone: 01-626 7320: 7749, 4830

March 11, 1977

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Sycmaga

67ft. x t6ft. steel trawler built 1864. Male engioe 340hp, thoroughly overhauled down to crankshaft in 1876, radar and Allas acho sounder ship's property. This vessel is in excellent condition and ot present working, only reason for sale owner buying largar vessel, talaphone Lowestoft 115, or after hours Lowestoft 4233.

1. MFV. Scottish home.

68f). MFV., Scottieh built by 16ft, beam, 114 hp Gardnar, power block, redar, trewl winrh, rodio end Oecca all chip's properly. Telephone: Woolverstone 546 (nr. lpewich).

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HANS-ROSERT JDEL Mester Mariner Sulideriar Weg 28 dial direct:

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M.F.V. "Golden Dewn" 48ft. x 16.4ft. x 7ft., 150hp., dgged side, stern trawling. Refastened complete engina and electrics overhaul, good winch, rader. M.F.R., Furuns soueder, liferaft. Soal'o property Mk.21, 350T, and VHF, on hire 4 trawls, doors, warps, all good order. At prasent fishing. Reason for sale dissolution of parmership. £12,500 one. Telephoee: Leee 3594 after 6.00 p.m.

"AQUARIAN" CN42. Steel stern trawler built Campboltown Shipyard 1871, overoll length 50th, beem 196th. tennage 24.39, angins 142hp. Dorman Self-Changing gar box 4.8/1 with Kort couzla. Engine major everbaul September 1976, crankahaft rouswad April 1976. Sunderlend trawl winch, boet's property: Elec fishing, woodsate Clipper 100. Hired aquipment: Decca Navigator Mk. 21, Salitor VHF. A. Glibra ce., 94 Roading. Campbeltown, Argyll. Tel: 0588-2201.

NAME

Address

Signature

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**《红彩》** 

NEW steel passenger leunck with oed line certificate, fully equipped. All enquiries to Sox No. 610.

MFV "Firecrest" WK207. 50ft. x 18ft. x 8ft. 8ie., 24 tons, built in Poole 1944, 114hp Gardner 2:1 reduction. Boat's property Simrad soundar, Marconi VHF., Dura-Scan VHF scener, Woodsone R/T. On kire Decca Merk 12. Hydreulic pot hauler fitted 1876. Vessel at present fishing from Wick. All datalla telephone: Wick 3593.

60ft. Cherter host, Scottish built bull, Gardner engios, 6LW, converted to accomeoodate 16 hueks, fitted galley dining area, separato lounge, shower, two wash basins, two tollets, T/V, Seavoice VHF, slx-mae lifereft, Seilor receivor, acho soueder. zt 3,500.

Telephone: Exmouth 6300.

COBLE "Miss Emily", 25ft. 8ins. x 8ft. 2ins., built 1973, Perkins P4108 1.5:1. Borg Warner, Velvet drivz geerboz, alectric bilge and Whale Dusher pumps, Seascribe sounder, PNP pot heuler, r5,000, telaphoea Redcar (Clausland) 71781.

NEPTUNE Fishermae 1875, GRP., 20.5ft. x 8ft. x 2ft., similer Camerker simulated clinker, 2 bertis, Sabb 18hp., Seascribe acunder, toilet, full electrics, used part time only, angling, beaming and cystering. Immaculate condition with oil gear. 23,000. Deve Serry, talephone: Southampton 847455 after 6.00 pm.

SCOTTISH MFV, 49ft., hull and prop. and superstructure converted, radio and electrica. Talaphone: throughout, sound vessel, specially superstructure converted, specially specia

CROSSFIELD 20

Stregless hull, Yanmer [El

dieael, forward wheelhouse full equipment, £4,950. For full details write John Crossifield ted, The Quey, Coewy, N, Welse, Telephose: Conwy 3487.

CONVERTED MFV 35ft. x 13ft. x 4ft., lerch on oek, Kelvin J3, eutometic pilot, log, echo sounder, ship to ohore redio, hydroulic winch. Extros, nix herths, loilet, galley with hot water, seloon eests oight, opare engine included, £7,500 ono. Lying Clyde Kip Marina or Lerge 673951 otter 7 p.m. 域工作

1875 registered flahing bnet, Lower built, Newhavan, 16ft x 6ft. 6in. beam, eleptic storn, Peter diessi, lights, elternotor, electric stert, 21,550. Telephone: Sexhill 218620 SCOTTISH MFV 50ft. x 14ft. 5in. x 6ft. 5in., Perkins 120hp V6, 20 tons Fifer wlack (four speed hydraulic), MF/VHF radios, scho sounder, fishinder, rader, liferaft all ship's property, five berths. £8,000 lnc. host of gesr. Telophone: Medwey 405615. venings.

360. x 11ft. x 3f1. 6in., petter, GRP., fwd. wheelhouse, huilt 1973, 148hp GM., 12-14 knote, Borg Warner velvet drive 2:1 reduction, Decce 050, Ferrograph 500, Seevoice VHF., fnur men liferoft, deckwash/kitgo pump. On hire Decce Mk21. New pot winch, and major engine overheul Octabar 1076. Tolephona: Guerneoy 64415 for further detells. £15,000 one. RECISTERED MFV "Mlsay", aft whealhouse, took finished IP23, first launched June 1977, Mercades OM 636, 42hp, enchor werps, fenders end 9 new lobster pots included, lying Paole, £8,850, tolaphone Bournemouth 46694.



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